# Web service specification V3 eNaročanje

# General information

|  |  |
| --- | --- |
| Project name | eNaročanje |
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| Authors | IN2 |

The API of the central ordering system is implemented using a set of methods in a web service. All methods consist of two parameters:

1. **Version parameter** - the version of the message which is being sent. In the future, when change of the message structure occurs, version parameter will be updated. System supports version ***n*** and ***n-1***. Current version of all messages is 3.
2. **Message parameter** - the message, structured as XML. Schema definitions are provided in this document. In case of referral data, XML schema is validated with openEHR schema definitions.

Security token (generated by security model) will be required in each method call.

# Error handling

Every response has the SuccessStatus element which provides the information if the request was processed successfully. In case that SuccessStatus is set to Fail or Partial then is obligatory to send a list of errors. Every error has the error code (based on the catalogue UrgencyGroundedType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Utemeljeno | 1 | 1 |
| Neutemeljeno | 2 | 2 |

## ErrorCodeType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Sistemska napaka | 0 | 0 |
| Napaka v komunikaciji | 1 | 1 |
| Napaka v validaciji podatkov | 2 | 2 |
| Napaka v bolnisnicnem sistemu narocanja | 0001 | 0001 |
| Napaka v centralnem sistemu narocanja | 0002 | 0002 |
| Napaka v definiciji sheme XML | 1001 | 1001 |
| Storitev ni na voljo | 1002 | 1002 |
| Komunikacija s IH ni mozna | 1003 | 1003 |
| Uporabnik nima dovoljenja za dejanje. | 0008 | 0008 |
| Obvezno polje ni izpolnjeno | 2001 | 2001 |
| Napaka v formatu podatkov | 2002 | 2002 |
| Napotnicu ni mogoce spreminjati | 2003 | 2003 |
| Ni mozno imeti dveh aktivnih napotnic za isto storitev -- | 2004 | 2004 |
| Ni mozno preklicati napotitev ki je imel sprejem | 2005 | 2005 |
| Napaka pri validaciji medicinskih podatkov | 3 | 3 |
| Omejitev zdravstvene storitve po spolu | 3001 | 3001 |
| Omejitev zdravstvene storitve po diagnozi | 3002 | 3002 |
| Omejitev zdravstvene storitve po starosti | 3003 | 3003 |
| E-narocanje ni mozno za to storitev | 3004 | 3004 |
| E-narocanje ni mozno za to stopnjo nujnosti -- | 3005 | 3005 |
| Storitev ni aktiven | 3006 | 3006 |
| Nepravilni status napotnice | 3007 | 3007 |
| Nepravilni status narocila | 3008 | 3008 |
| Narocilo ni v ista ustanova kot prejsnje narocilo. | 3009 | 3009 |
| E-narocanje ni mozno po prvem izkoriscanju. | 3010 | 3010 |
| eNapotnica nije dozvoljena za navedeni VZS | 3012 | 3012 |
| Realizacije ni mogoče prijaviti, ker je preteklo več kot 30 dni od izteka napotnice. | 3013 | 3103 |
| Napotnica ne obstaja. | 4 | 4 |
| Narocilo ne obstaja. | 7 | 7 |
| Nepodprta verzija | 6 | 6 |
| Napaka pri pošiljanju e-pošte in sms-a | 8 | 8 |

## SuccessStatus

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Success | 1 | 1 |
| Fail | 2 | 2 |
| Partial | 3 | 3 |

Partial status can only be applied for CancelAppointments, CreateAppointments and UpdateAppointments when there is the possibility that during the processing some appointments can be processed and some not.

Example: COS receives a CancelAppointments method call with 5 appointments and 2 appointments have some validation errors. In that case COS will regularly process the 3 valid appoinemtns and for the invalid the details will be provided in the Error section of the response.

Example:

**<Response** xmlns:xsi=**""**http://www.w3.org/2001/XMLSchema-instance"**" xmlns:xsd=""http://www.w3.org/2001/XMLSchema"">**

**<SuccessStatus>2</SuccessStatus>**

**<ErrorList>**

**<Error>**

**<Code>1</Code>**

**<Description>test1</Description>**

**</Error>**

**<Error>**

**<Code>2</Code>**

**<Description>test2</Description>**

**</Error>**

**</ErrorList>**

**</Response>**

# Paging

In GetAppointmentForProcedureHOS and GetRealisationForProcedureHOS processes, there could be a situation when there is a large number of appointments that cannot be sent in one message due to the length limitation of the protocol. For this purpose, central ordering system (COS) supports paging, a principle where the total number of appointments is divided into smaller portions – pages. Each page is then communicated with COS through sequential requests and responses. The initial request from COS is in the same format like before containing no new fields. If the HOS determines that paging should be used, it responds to the COS with new fields in response message. After that, every new request from COS for that medical procedure contains the page number that should be returned.

If used, **PagingInfo** contains the following elements:

|  |  |
| --- | --- |
| **Element name** | **Element description** |
| **PageNumber** | The number of page for which appointments are returned |
| **PageSize** | Number of appointments sent in current page/response |
| **RemainingNumber** | Number of appointments that are not yet sent to COS; when value is equal to 0 paging is complete and it is considered that all appointments are sent to COS |
| **TotalNumber** | Total number of appointments for current medical procedure (the sum of appointments sent throughout all pages) |

Example XML:

<PagingInfo>

<PageNumber>**1**</PageNumber>

<PageSize>**1**</PageSize>

<RemainingNumber>**0**</RemainingNumber>

<TotalNumber>**1**</TotalNumber>

</PagingInfo>

# COS web service

**Central Ordering System (COS) methods:**

Referrals:

1. string GetNewReferralId(int version, string request)
2. string GetGuidilineForProcedure(int version, string request)
3. string SubmitReferral(int version, string request, string referral, byte[] signature)
4. string GetReferral(int version, string request, out string referralXml)
5. string GetReferralList(int version, string request)
6. string UpdateReferralValidity(int version, string request)

Attachments:

1. string CreateReferralAttachment (int version, string request)
2. string UpdateReferralAttachment(int version, string request)
3. string DeleteReferralAttachment (int version, string request)
4. string GetReferralAttachment (int version, string request)
5. string GetReferralAttachmentList (int version, string request)

Appointments:

1. string CreateAppointments (int version, string request)
2. string CreateAdmission (int version, string request)
3. string AppointmentRealisation(int version, string request)
4. string CancelAppointmentRealisation(int version, string request)
5. string CancelAdmission(int version, string request)
6. string CancelAppointments(int version, string request)
7. string GetAppointment(int version, string request)
8. string GetAppointmentsForPatient(int version, string request)
9. string UpdateAppointments(int version, string request)

Tasks:

1. string CreateTask (int version, string request)
2. string SendMessage (int version, string request)
3. string GetTaskList (int version, string request)
4. string GetReferralChanges (int version, string request)
5. string CloseTask (int version, string request)
6. string UpdateUrgencyTypeCode (int version, string request)

Concessioners:

1. string RegisterConcessioner(int version, string request)
2. string RegisterProceduresForConcessioner(int version, string request)

Web:

1. string GetFreeSlotForProcedureCOS(int version, string request)
2. string BookReservationCOS(int version, string request)
3. string CancelReservationCOS(int version, string request)
4. string GetPrereservationForProcedureCOS(int version, string request)

## GetNewReferrald

Method that can be called in 2 cases:

1. It is mandatory to call this method before creating a new referral. The method will return the referral unique identifier and the key for signing the referral document.
2. It must be called to get the key for signing the document for Update/Cancel. In that case it is mandatory to provide the referral unique identifier.

### GetNewReferralIdRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“GetNewReferralIdRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“HealthcareProviderIndex“** type=**“BPIType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“HealthcareProviderSpecificIndex“** type=**“BPIspecificType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetNewReferralIdRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**ApiKey1**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

</GetNewReferralIdRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ReferralUniqueIdentifier** | Referral unique identifier | Only for Cancel/Update |

### GetNewReferralIdResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“GetNewReferralIdResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleUniqueId“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetNewReferralIdResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<XdsDocumentHandleUniqueId />

</GetNewReferralIdResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **ReferralUniqueIdentifier** | Referral unique identifier | If SuccessStatus is set to Success |
| **XdsDocumentHandleUniqueId** | Key for document signing | If SuccessStatus is set to Success |

## GetGuidelineForProcedure

This method must be called before calling SubmitReferral (Action:Create) method. GuidelineID identifier has to be obtained so it can be passed as parameter when calling SubmitReferral (Action:Create). If medical procedure does not have guideline, empty GuidelineID will be returned. SubmitReferral (Action:Create) method, in that case, can be called with empty GuidelineID.

### GetGuidelineForProcedureRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“GetGuidelineForProcedureRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“MedicalProcedureCode“** type=**“MedicalProcedureCodeType“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetGuidelineForProcedureRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**test**</ApiKey>

<MedicalProcedureCode>**1240P**</MedicalProcedureCode>

</GetGuidelineForProcedureRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |

### GetGuidelineForProcedureResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“GetGuidelineForProcedureResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“GuidelineText“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“GuidelineId“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetGuidelineForProcedureResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<GuidelineText>**Some text describing guideline for procedure!**</GuidelineText>

<GuidelineId>**f309bea1-c45d-4f59-812d-791c80a68be9**</GuidelineId>

</GetGuidelineForProcedureResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **GuidelineText** | Text of the guideline for medical procedure | If exists |
| **GuidelineId** | Id of the guideline for medical procedure | If exists |

## SubmitReferral

Method used to Create/Update/Cancel a referral. Action field is used to define the wanted operation.

Depending on the selected Action the following parameters are mandatory:

-Create: ReferralUniqueIdentifier, ReasonForDuplicateProcedure (if this referral is a duplicate), GuidelineIdentifier(if exists), ChronicConditionCode (if creating permanent referrals for all VZS except for VZS-s: “Ortodontski pregled”)

-Update: ReferralUniqueIdentifier, UpdateReason), ChronicConditionCode (if updating onetime or reausable referral to permanent referral for all VZS, except for VZS-s: “Ortodontski pregled”.)

-Cancel: ReferralUniqueIdentifier, CancelledBy, CancellationReasonCode, CancellationReasonDescription (mandatory for reason *Ostalo*)

In case an e-referral is issued for a paper referral it is mandatory to provide both AdminNurseIdentifier and PaperReferralIdentifier.

With the request it is mandatory to send the signed referral document in XML format.

Please refer to documents 'eReferral XML', 'eReferral XSD', 'eReferral-Xpaths'.

string SubmitReferral(int version, string request, string referral, byte[] signature)

### SubmitReferralRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“SubmitReferralRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“HealthcareProviderIndex“** type=**“BPIType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“HealthcareProviderSpecificIndex“** type=**“BPIspecificType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“Action“** type=**“ReferralActionType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ReasonForDuplicateProcedure“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“GuidelineIdentifier“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“AdminNurseIdentifier“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“PaperReferralIdentifier“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“UpdateReason“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelledBy“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancellationReasonCode“** type=**“ReferralCancellationReasonType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancellationReasonDescription“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ChronicConditionCode“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<SubmitReferralRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**Test**</ApiKey>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<Action>**1**</Action>

</SubmitReferralRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | Look method description |
| **HealthcareProviderIndex** | Medical facility code (BPI) | Look method description |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Look method description |
| **Action** | References catalogue ReferralActionType | Look method description |
| **ReasonForDuplicateProcedure** | Reason for creating another referral for given procedure while another referral is active | Look method description |
| **GuidelineIdentifier** | Identifier of the guideline for given medical procedure | Look method description |
| **AdminNurseIdentifier** | Identifier of the nurse administrator creating the referral | Look method description |
| **PaperReferralIdentifier** | Identifier of the paper referral nurse is creating this referral for | Look method description |
| **UpdateReason** | Update reason | Look method description |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the referral | Look method description |
| **CancellationReasonCode** | Cancellation reason code (References catalogue ReferralCancellationReasonType) | Look method description |
| **CancellationReasonDescription** | Additional notes about the cancellation | Look method description |
| **ChronicConditionCode** | Chronic conditions used when creating permanent referrals (not mandatory for VZS = “Ortodontski pregled”)  (References catalogue ChronicConditionesTypes) | Look method description |

### SubmitReferralResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“SubmitReferralResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ReferralCreationDatetime“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleUniqueId“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleRepositoryUniqueId“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleId“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<SubmitReferralResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<ReferralUniqueIdentifier>**1234567890123**</ReferralUniqueIdentifier>

<XdsDocumentHandleUniqueId />

<XdsDocumentHandleRepositoryUniqueId />

<XdsDocumentHandleId />

</SubmitReferralResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **ReferralUniqueIdentifier** | Referral unique identifier | If SuccessStatus is set to Success |
| **ReferralCreationDatetime** | Date and time when referral was created in central system | For Create action |
| **XdsDocumentHandleUniqueId** | Unique handle id of the document in the storage system | If SuccessStatus is set to Success |
| **XdsDocumentHandleRepositoryUniqueId** | Unique handle id of the document repository in the storage system | If SuccessStatus is set to Success |
| **XdsDocumentHandleId** | Handle id of the document in the storage system | If SuccessStatus is set to Success |

## UpdateReferralValidity

Only specialist, nurse, and nurse admin can call this method to update the validity for a referral. Referral needs to be created for **ScopeSpecialist** **= true** (pooblastilo 2) and has at least one realisation, and a new appointment needs to be in status ‘Vpisan’ to extend validity.

### UpdateReferralValidityRequest

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:element name="UpdateReferralValidityRequest" >

<xs:complexType>

<xs:sequence>

<xs:element minOccurs="1" maxOccurs="1" name="ApiKey" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="HealthcareProviderIndex" type="xs:string" />

<xs:element minOccurs="0" maxOccurs="1" name="HealthcareProviderSpecificIndex" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="ReferralUniqueIdentifier" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="PatientInsuranceIdentifier">

<xs:simpleType>

<xs:restriction base="xs:string">

<xs:pattern value="[0-9]{9}" />

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element minOccurs="1" maxOccurs="1" name="ReferralValidityDuration" type="xs:int" />

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version="1.0" encoding="utf-8" ?>

<UpdateReferralValidityRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<ApiKey>1d75ed19-1499-47ce-92cf-2377d01f9ade</ApiKey>

<HealthcareProviderIndex>12345</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>12345A</HealthcareProviderSpecificIndex>

<ReferralUniqueIdentifier>2019061800001</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>123412345</PatientInsuranceIdentifier>

<ReferralValidityDuration>24</ReferralValidityDuration>

</UpdateReferralValidityRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code | NO |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **ReferralValidityDuration** | New duration for referral | YES |

### UpdateReferralValidityResponse

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:include schemaLocation="Common.xsd" />

<xs:element name="UpdateReferralValidityResponse">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="SuccessStatus" type="SuccessStatusType" />

<xs:element minOccurs="0" maxOccurs="1" name="ErrorList" type="ErrorListType"/>

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version="1.0" encoding="utf-8"?>

<UpdateReferralValidityResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<SuccessStatus>2</SuccessStatus>

<ErrorList>

<Error>

<Code>0002</Code>

<Description>test1</Description>

</Error>

<Error>

<Code>2</Code>

<Description>test2</Description>

</Error>

</ErrorList>

</ UpdateReferralValidityResponse >

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetReferral

Method used to get details about one referral. Response will include referral XML.

string GetReferral(int version, string request, out string referralXml)

### GetReferralRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“GetReferralRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“HealthcareProviderIndex“** type=**“BPIType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“HealthcareProviderSpecificIndex“** type=**“BPIspecificType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“PatientInsuranceIdentifier“** type=**“PatientInsIdType“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetReferralRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

</GetReferralRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |

### GetReferralResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“GetReferralResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“FirstAdmissionDate“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“DateValidTo“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“LatestMedicalProcedure“** type=**“MedicalProcedureCodeType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ReferralStatusCode“** type=**“ReferralStatusType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelReferralCode“** type=**“ReferralCancellationReasonType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelReferralDescription“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelledBy“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ControlNotNeeded“** type=**“xs:boolean“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“OldReferralUniqueIdentifier“** type=**“ReferralUidType“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetReferralResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<FirstAdmissionDate>**2019-03-06T00:00:00**</FirstAdmissionDate>

<DateValidTo>**2019-03-11T00:00:00**</DateValidTo>

<LatestMedicalProcedure>**1020**</LatestMedicalProcedure>

<ReferralStatusCode>**3**</ReferralStatusCode>

<CancelReferralCode>**4**</CancelReferralCode>

<CancelReferralDescription>**Doslo je do greske**</CancelReferralDescription>

<CancelledBy>**ana**</CancelledBy>

<ControlNotNeeded>**true**</ControlNotNeeded>

<OldReferralUniqueIdentifier>**2014013100001**</OldReferralUniqueIdentifier>

</GetReferralResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **FirstAdmissionDate** | Date of the first admission | Only if exists |
| **DateValidTo** | Date till when the referral is valid | If applicable |
| **LatestMedicalProcedure** | Latest valid medical procedure for referral | YES |
| **ReferralStatusCode** | Referral status (References catalogue ReferralStatusType) | YES |
| **CancelReferralCode** | Referral cancellation reason (References catalogue ReferralCancellationReasonType) | Only if referral is cancelled |
| **CancelReferralDescription** | Additional notes regarding the cancellation | Only if exists and referral is cancelled |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the referral | Only if referral is cancelled |
| **ControlNotNeeded** | Flag to indicate that the patient does not need any further control exams | Only if exists |
| **OldReferralUniqueIdentifier** | Previous referral unique identifier | Only if exists |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetReferralList

Method used to get more referrals. It is mandatory to provide the patient insurance identifier (KZZ). Other parameters are optional and are used to narrow the search.

### GetReferralListRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:complexType name=**“ArrayOfStatuses“**>

<xs:sequence>

<xs:element minOccurs=**“0“** maxOccurs=**“unbounded“** name=**“ReferralStatusType“** type=**“ReferralStatusType“** />

</xs:sequence>

</xs:complexType>

<xs:element name=**“GetReferralListRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“PatientInsuranceIdentifier“** type=**“PatientInsIdType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“RequestorDocIdentifier“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“DatetimeFrom“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“DatetimeTo“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“Statuses“** type=**“ArrayOfStatuses“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetReferralListRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<RequestorDocIdentifier>**98826622**</RequestorDocIdentifier>

<DatetimeFrom>**2013-03-24T00:00:00**</DatetimeFrom>

<DatetimeTo>**2014-01-10T00:00:00**</DatetimeTo>

<Statuses>

<ReferralStatusType>**1**</ReferralStatusType>

<ReferralStatusType>**4**</ReferralStatusType>

</Statuses>

</GetReferralListRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **RequestorDocIdentifier** | Unique identifier (BPI) of the doctor which created the referral | NO |
| **DatetimeFrom** | Get all referrals from this date | NO |
| **DatetimeTo** | Get all referrals to this date | NO |
| **Statuses** | List of referral statuses | NO |

### GetReferralListResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“ReferralSummary“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“OldReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“PatientUniqueIdentifier“** type=**“PatientUIdType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“PatientInsuranceIdentifier“** type=**“PatientInsIdType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“RequestorDocIdentifier“** type=**“xs:string“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“RequestorDocName“** type=**“xs:string“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“RequestorDocSurname“** type=**“xs:string“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralCreationDatetime“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralStatusCode“** type=**“ReferralStatusType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“MedicalDiagnosis“** type=**“xs:string“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“MedicalProcedure“** type=**“MedicalProcedureCodeType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“LastAdmissionFacility“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“EarliestControlDate“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“DateValidFrom“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“DateValidTo“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“UrgencyType“** type=**“UrgencyTypeForRefType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelReferralCode“** type=**“ReferralCancellationReasonType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelReferralDescription“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“CancelledBy“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ControlNotNeeded“** type=**“xs:boolean“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“LastAppointmentFacilityName“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**“Referrals“**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**“0“** maxOccurs=**“unbounded“** ref=**“ReferralSummary“** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**“GetReferralListResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** ref=**“Referrals“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<GetReferralListResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<Referrals>

<ReferralSummary>

<ReferralUniqueIdentifier>**0214574125981**</ReferralUniqueIdentifier>

<OldReferralUniqueIdentifier>**0214574125111**</OldReferralUniqueIdentifier>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**096000154**</PatientInsuranceIdentifier>

<RequestorDocIdentifier>**08087**</RequestorDocIdentifier>

<RequestorDocName>**Primarni**</RequestorDocName>

<RequestorDocSurname>**Doktor**</RequestorDocSurname>

<ReferralCreationDatetime>**2019-01-03T00:00:00**</ReferralCreationDatetime>

<ReferralStatusCode>**3**</ReferralStatusCode>

<MedicalDiagnosis>**A5014**</MedicalDiagnosis>

<MedicalProcedure>**1020K**</MedicalProcedure>

<LastAdmissionFacility>**05412**</LastAdmissionFacility>

<EarliestControlDate>**2019-06-20T00:00:00**</EarliestControlDate>

<DateValidFrom>**0001-01-01T00:00:00**</DateValidFrom>

<DateValidTo>**2020-12-03T00:00:00**</DateValidTo>

<UrgencyType>**1**</UrgencyType>

<CancelReferralCode>**4**</CancelReferralCode>

<CancelReferralDescription>**CancelReferralDescription**</CancelReferralDescription>

<CancelledBy>**Sestra administator**</CancelledBy>

<ControlNotNeeded>**false**</ControlNotNeeded>

</ReferralSummary>

<ReferralSummary>

<ReferralUniqueIdentifier>**0214574125982**</ReferralUniqueIdentifier>

<OldReferralUniqueIdentifier>**0214574125222**</OldReferralUniqueIdentifier>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**096000154**</PatientInsuranceIdentifier>

<RequestorDocIdentifier>**08087**</RequestorDocIdentifier>

<RequestorDocName>**Primarni**</RequestorDocName>

<RequestorDocSurname>**Doktor**</RequestorDocSurname>

<ReferralCreationDatetime>**2019-01-03T00:00:00**</ReferralCreationDatetime>

<ReferralStatusCode>**3**</ReferralStatusCode>

<MedicalDiagnosis>**A5014**</MedicalDiagnosis>

<MedicalProcedure>**1020K**</MedicalProcedure>

<LastAdmissionFacility>**05412**</LastAdmissionFacility>

<EarliestControlDate>**2019-06-20T00:00:00**</EarliestControlDate>

<DateValidFrom>**0001-01-01T00:00:00**</DateValidFrom>

<DateValidTo>**2020-12-03T00:00:00**</DateValidTo>

<UrgencyType>**1**</UrgencyType>

<CancelReferralCode>**4**</CancelReferralCode>

<CancelReferralDescription>**CancelReferralDescription**</CancelReferralDescription>

<CancelledBy>**Sestra administator**</CancelledBy>

<ControlNotNeeded>**false**</ControlNotNeeded>

</ReferralSummary>

<ReferralSummary>

<ReferralUniqueIdentifier>**0214574125983**</ReferralUniqueIdentifier>

<OldReferralUniqueIdentifier>**0214574125333**</OldReferralUniqueIdentifier>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**096000154**</PatientInsuranceIdentifier>

<RequestorDocIdentifier>**08087**</RequestorDocIdentifier>

<RequestorDocName>**Primarni**</RequestorDocName>

<RequestorDocSurname>**Doktor**</RequestorDocSurname>

<ReferralCreationDatetime>**2019-01-03T00:00:00**</ReferralCreationDatetime>

<ReferralStatusCode>**3**</ReferralStatusCode>

<MedicalDiagnosis>**A5014**</MedicalDiagnosis>

<MedicalProcedure>**1020K**</MedicalProcedure>

<LastAdmissionFacility>**05412**</LastAdmissionFacility>

<EarliestControlDate>**2019-06-20T00:00:00**</EarliestControlDate>

<DateValidFrom>**0001-01-01T00:00:00**</DateValidFrom>

<DateValidTo>**2020-12-03T00:00:00**</DateValidTo>

<UrgencyType>**1**</UrgencyType>

<CancelReferralCode>**4**</CancelReferralCode>

<CancelReferralDescription>**CancelReferralDescription**</CancelReferralDescription>

<CancelledBy>**Sestra administator**</CancelledBy>

<ControlNotNeeded>**false**</ControlNotNeeded>

</ReferralSummary>

</Referrals>

</GetReferralListResponse>

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **Referrals** | Referrals list | If any referral exists |

Referral details

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **OldReferralUniqueIdentifier** | Referral unique identifier of the old referral | NO |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **RequestorDocIdentifier** | Unique identifier (BPI) of the doctor which created the referral | YES |
| **RequestorDocName** | First name of the doctor which created the referral | YES |
| **RequestorDocSurname** | Last name of the doctor which created the referral | YES |
| **ReferralCreationDatetime** | Referral creation date and time | YES |
| **ReferralStatusCode** | References catalogue ReferralStatusType | YES |
| **MedicalDiagnosis** | Medical diagnosis unique identifier | YES |
| **MedicalProcedure** | Medical procedure unique identifier (VZS) | YES |
| **LastAdmissionFacility** | Facility in which the last exam took place | NO |
| **EarliestControlDate** | Earliest date of the next control exam for referral | NO |
| **DateValidFrom** | Date from which referral validity is calculated (i.e. date of first admission, if any) | If applicable |
| **DateValidTo** | Date till when the referral is valid (if applicable) | If applicable |
| **UrgencyType** | References catalogue UrgencyCodeType | YES |
| **CancelReferralCode** | References catalogue ReferralCancellationReasonType | Only if referral is cancelled |
| **CancelReferralDescription** | Additional notes about the referral cancellation | If exists |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the referral | Only if referral is cancelled |
| **ControlNotNeeded** | Flag to indicate that the patient does not need any further control exams | If exists |
| **LastAppointmentFacilityName** | Facility where the last active appointment (CONF status) was placed | If exists |

## CreateReferralAttachment

Method which adds an attachment to the referral.

### CreateReferralAttachmentRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“CreateReferralAttachmentRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“HealthcareProviderIndex“** type=**“BPIType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“AttachmentContent“** type=**“xs:base64Binary“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“CreationDateTime“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“MetadataClassCode“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“MetadataTypeCode“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“DocumentTitle“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“HealthcareProviderSpecificIndex“** type=**“BPIspecificType“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<CreateReferralAttachmentRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**2017062900001**</ReferralUniqueIdentifier>

<AttachmentContent>**FCAgICAgIA==**</AttachmentContent>

<CreationDateTime>**2020-01-01T00:00:00**</CreationDateTime>

<MetadataClassCode>**code**</MetadataClassCode>

<MetadataTypeCode>**type**</MetadataTypeCode>

<DocumentTitle>**title.pdf**</DocumentTitle>

<HealthcareProviderSpecificIndex>**12681A**</HealthcareProviderSpecificIndex>

</CreateReferralAttachmentRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **AttachmentContent** | Binary content of the attachment | YES |
| **CreationDateTime** | Date and time of creating the attachment | YES |
| **MetadataClassCode** | References catalogue Class code | YES |
| **MetadataTypeCode** | References catalogue Type code (attachments) | YES |
| **DocumentTitle** | Title of the attachment | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |

### CreateReferralAttachmentResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“CreateReferralAttachmentResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleUniqueId“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleRepositoryUniqueId“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleId“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<CreateReferralAttachmentResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<XdsDocumentHandleUniqueId>**2.16.840.1.113883.3.711.2.1.4.4.161006989058216270188361**</XdsDocumentHandleUniqueId><XdsDocumentHandleRepositoryUniqueId>**2.16.840.1.113883.3.711.2.1.4.5.12681**</XdsDocumentHandleRepositoryUniqueId>

<XdsDocumentHandleId>**urn:uuid:bbd27b00-0c3f-44bd-9217-6e2ab66e0abc**</XdsDocumentHandleId>

</CreateReferralAttachmentResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **XdsDocumentHandleUniqueId** | Unique handle id of the document in the storage system | If SuccessStatus is set to Success |
| **XdsDocumentHandleRepositoryUniqueId** | Unique handle id of the document repository in the storage system | If SuccessStatus is set to Success |
| **XdsDocumentHandleId** | Handle id of the document in the storage system | If SuccessStatus is set to Success |

## UpdateReferralAttachment

Method which updates an attachment to the referral.

### UpdateReferralAttachmentRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“UpdateReferralAttachmentRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“HealthcareProviderIndex“** type=**“BPIType“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“HealthcareProviderSpecificIndex“** type=**“BPIspecificType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“NewAttachmentContent“** type=**“xs:base64Binary“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“NewCreationDateTime“** type=**“xs:dateTime“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“NewMetadataClassCode“**>

<xs:simpleType>

<xs:restriction base=**“xs:string“**>

<xs:maxLength value=**“10“** />

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“NewMetadataTypeCode“**>

<xs:simpleType>

<xs:restriction base=**“xs:string“**>

<xs:maxLength value=**“100“** />

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“NewDocumentTitle“**>

<xs:simpleType>

<xs:restriction base=**“xs:string“**>

<xs:maxLength value=**“1000“** />

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“Reason“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“OldAttachmentHandleId“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“OldAttachmentHandleUniqueId“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“OldAttachmentHandleRepositoryUniqueId“** type=**“NonEmptyString“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<UpdateReferralAttachmentRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**2014012500040**</ReferralUniqueIdentifier>

<NewAttachmentContent>**Content**</NewAttachmentContent>

<NewCreationDateTime>**2014-01-30T00:00:00**</NewCreationDateTime>

<NewMetadataClassCode>**3**</NewMetadataClassCode>

<NewMetadataTypeCode>**51845-6**</NewMetadataTypeCode>

<NewDocumentTitle>**Update attachment**</NewDocumentTitle>

<Reason>**Pogreška u prethodnom dokumentu**</Reason>

<OldAttachmentHandleId>**urn:uuid:bbd27b00-0c3f-44bd-9217-6e2ab66e0abc**</OldAttachmentHandleId>

<OldAttachmentHandleUniqueId>**2.16.840.1.113883.3.711.2.1.4.4.161006989058216270188361**</OldAttachmentHandleUniqueId>

<OldAttachmentHandleRepositoryUniqueId>**2.16.840.1.113883.3.711.2.1.4.5.12681**</OldAttachmentHandleRepositoryUniqueId>

</UpdateReferralAttachmentRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **NewAttachmentContent** | Binary content of the updated attachment | YES |
| **NewCreationDateTime** | Date and time of updating the attachment | YES |
| **NewMetadataClassCode** | Code of the metadata class of the attachment | YES |
| **NewMetadataTypeCode** | Code of the metadata type of the attachment | YES |
| **NewDocumentTitle** | Title of the attachment | YES |
| **Reason** | Reason for updating the attachment | YES |
| **OldAttachmentHandleId** | Id of the handle for the old attachment in the storage system | YES |
| **OldAttachmentHandleUniqueId** | Unique id of the handle for the old attachment in the storage system | YES |
| **OldAttachmentHandleRepositoryUniqueId** | Repository unique id of the handle for the old attachment in the storage system | YES |

### UpdateReferralAttachmentResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“UpdateReferralAttachmentResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleUniqueId“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleRepositoryUniqueId“** type=**“xs:string“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“XdsDocumentHandleId“** type=**“xs:string“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<UpdateReferralAttachmentResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

<XdsDocumentHandleUniqueId>**2.16.840.1.113883.3.711.2.1.4.4.161006989058216270188361**</XdsDocumentHandleUniqueId><XdsDocumentHandleRepositoryUniqueId>**2.16.840.1.113883.3.711.2.1.4.5.12681**</XdsDocumentHandleRepositoryUniqueId>

<XdsDocumentHandleId>**urn:uuid:bbd27b00-0c3f-44bd-9217-6e2ab66e0abc**</XdsDocumentHandleId>

</UpdateReferralAttachmentResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **XdsDocumentHandleUniqueId** | Unique handle id of the document in the storage system | If SuccessStatus is set to Success |
| **XdsDocumentHandleRepositoryUniqueId** | Unique handle id of the document repository in the storage system | If SuccessStatus is set to Success |
| **XdsDocumentHandleId** | Handle id of the document in the storage system | If SuccessStatus is set to Success |

## DeleteReferralAttachment

Method which deletes an attachment.

### DeleteReferralAttachmentRequest

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“DeleteReferralAttachmentRequest“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ApiKey“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“HealthcareProviderIndex“** type=**“BPIType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“ReferralUniqueIdentifier“** type=**“ReferralUidType“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“AttachmentHandleId“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“AttachmentHandleUniqueId“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“AttachmentHandleRepositoryUniqueId“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“Reason“** type=**“NonEmptyString“** />

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“HealthcareProviderSpecificIndex“** type=**“BPIspecificType“** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<DeleteReferralAttachmentRequest xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**2014012500040**</ReferralUniqueIdentifier>

<AttachmentHandleId>**urn:uuid:d19a5dcf-21e8-47a1-8c8f-12088622392b**</AttachmentHandleId><AttachmentHandleUniqueId>**2.16.840.1.113883.3.711.2.1.4.4.161675482989745799951257**</AttachmentHandleUniqueId>

<AttachmentHandleRepositoryUniqueId>**2.16.840.1.113883.3.711.2.1.4.5.12681**</AttachmentHandleRepositoryUniqueId>

<Reason>**Reason for deletion**</Reason>

</DeleteReferralAttachmentRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **AttachmentHandleId** | Id of the handle for the requested attachment in the storage system | YES |
| **AttachmentHandleUniqueId** | Unique id of the handle for the requested attachment in the storage system | YES |
| **AttachmentHandleRepositoryUniqueId** | Repository unique id of the handle for the requested attachment in the storage system | YES |
| **Reason** | Reason for deleting the attachment | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |

### DeleteReferralAttachmentResponse

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<xs:schema xmlns:xs=**“http://www.w3.org/2001/XMLSchema“**>

<xs:include schemaLocation=**“Common.xsd“** />

<xs:element name=**“DeleteReferralAttachmentResponse“**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**“1“** maxOccurs=**“1“** name=**“SuccessStatus“** type=**“SuccessStatusType“**/>

<xs:element minOccurs=**“0“** maxOccurs=**“1“** name=**“ErrorList“** type=**“ErrorListType“**/>

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**“1.0“** encoding=**“utf-8“**?>

<DeleteReferralAttachmentResponse xmlns:xsi=**“http://www.w3.org/2001/XMLSchema-instance“** xmlns:xsd=**“http://www.w3.org/2001/XMLSchema“**>

<SuccessStatus>**1**</SuccessStatus>

</DeleteReferralAttachmentResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetReferralAttachment

Method used to get one referral attachment.

### GetReferralAttachmentRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetReferralAttachmentRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HandleId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HandleUniqueId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HandleRepositoryUniqueId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetReferralAttachmentRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<HandleId>**test**</HandleId>

<HandleUniqueId>**test**</HandleUniqueId>

<HandleRepositoryUniqueId>**test**</HandleRepositoryUniqueId>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<HealthcareProviderSpecificIndex>**10000A**</HealthcareProviderSpecificIndex>

</GetReferralAttachmentRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HandleId** | Id of the handle for the requested attachment in the storage system | YES |
| **HandleUniqueId** | Unique id of the handle for the requested attachment in the storage system | YES |
| **HandleRepositoryUniqueId** | Repositora unique id of the handle for the requested attachment in the storage system | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |

### GetReferralAttachmentResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetReferralAttachmentResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Content"** type=**"xs:base64Binary"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Type"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Title"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetReferralAttachmentResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<Content>**4uPg**</Content>

<Type>**test**</Type>

<Title>**test**</Title>

</GetReferralAttachmentResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **Content** | Binary content of the attachment | If SucessStatus is set to Success |
| **Type** | Mime type of the attachment content | If SucessStatus is set to Success |
| **Title** | Title of the attachment content | If SucessStatus is set to Success |

## GetReferralAttachmentList

Method used to get all the attachments for one referral.

### GetReferralAttachmentListRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetReferralAttachmentListRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetReferralAttachmentListRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<HealthcareProviderSpecificIndex>**10000A**</HealthcareProviderSpecificIndex>

</GetReferralAttachmentListRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |

### GetReferralAttachmentListResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"ReferralAttachmentSummary"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Title"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CreationDateTime"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MetadataClassCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MetadataTypeCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareFaciliyTypeCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PracticeSettingCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HandleId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HandleUniqueId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HandleRepositoryUniqueId"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"Attachments"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"ReferralAttachmentSummary"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetReferralAttachmentListResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"Attachments"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetReferralAttachmentListResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<Attachments>

<ReferralAttachmentSummary>

<Title>**test**</Title>

<CreationDateTime>**2019-02-25T14:52:05.3387118+01:00**</CreationDateTime>

<MetadataClassCode>**test**</MetadataClassCode>

<MetadataTypeCode>**test**</MetadataTypeCode>

<HealthcareFaciliyTypeCode>**test**</HealthcareFaciliyTypeCode>

<PracticeSettingCode>**test**</PracticeSettingCode>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<HandleId>**test**</HandleId>

<HandleUniqueId>**test**</HandleUniqueId>

<HandleRepositoryUniqueId>**test**</HandleRepositoryUniqueId>

</ReferralAttachmentSummary>

<ReferralAttachmentSummary>

<Title>**test**</Title>

<CreationDateTime>**2019-02-25T14:52:05.3407135+01:00**</CreationDateTime>

<MetadataClassCode>**test**</MetadataClassCode>

<MetadataTypeCode>**test**</MetadataTypeCode>

<HealthcareFaciliyTypeCode>**test**</HealthcareFaciliyTypeCode>

<PracticeSettingCode>**test**</PracticeSettingCode>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<HandleId>**test**</HandleId>

<HandleUniqueId>**test**</HandleUniqueId>

<HandleRepositoryUniqueId>**test**</HandleRepositoryUniqueId>

</ReferralAttachmentSummary>

</Attachments>

</GetReferralAttachmentListResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **Attachments** | List of attachments | If any exists |

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **Title** | Title of the document | YES |
| **CreationDateTime** | Date and time of attachment creation | YES |
| **MetadataClassCode** | References catalogue Class code | YES |
| **MetadataTypeCode** | References catalogue Type code (attachments) | YES |
| **HealthcareFaciliyTypeCode** | Code of the healthcare facility type | YES |
| **PracticeSettingCode** | Code of the practice setting | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **HandleId** | Id of the handle for the requested attachment in the storage system | YES |
| **HandleUniqueId** | Unique id of the handle for the requested attachment in the storage system | YES |
| **HandleRepositoryUniqueId** | Repositora unique id of the handle for the requested attachment in the storage system | YES |

## CreateAppointments

Method which allows to create one or more appointments. The maximum number of appointments in the request is 20. It is not possible to call it after the referral has expired. All active appointments must be in the same facility. Onetime referral is supposed to be used only within one medical facility.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| No status | Vpisan |

**Referral status change:**

Onetime referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Izdana | This is the first appoinment | Vpisana |
| Izvedena | It is possible to make new appointments in the period of 5 days from the first realisation | Vpisana |
| Vpisana | The first order is completed, an appointment alredy exists and other appointments are made. i.e. one appointment in status Izveden, one in status Vpisan and one more appointment is made. \* | Vpisana |

\*All the appointments have to be made during the 5 days after the first realisation is registered.

Reusable/Permanent

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Izdana | This is the first appoinment | Vpisana |
| Vpisana |  | Vpisana |
| Izvedena |  | Vpisana |

### CreateAppointmentsRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"Appointment"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentRequestedDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ControlExam"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RequestedByPatient"** type=**"RequestedByPatientType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicallyConditioned"** type=**"MedicallyConditionedType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"SiteDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WantsSpecificDoctor"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WasInformedOfOthers"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralDiagnosis"** type=**"ReferralDiagnosisType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientSurname"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientBirthDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientGender"** type=**"PatientGenderType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetNumber"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityPostalCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DistrictCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEMail"** type=**"EmailType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientMobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AwareOfExpiration"** type=**"xs:boolean"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"AppointmentsList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** ref=**"Appointment"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"CreateAppointmentsRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"BookerIdentifier"** type=**"BookerIdentifierType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** ref=**"AppointmentsList"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CreateAppointmentsRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**ApiKey1**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>**12681X**</HealthcareProviderSpecificIndex>

<BookerIdentifier>**12365**</BookerIdentifier>

<AppointmentsList>

<Appointment>

<AppointmentUniqueIdentifier>**124545454500000**</AppointmentUniqueIdentifier>

<AppointmentDate>**1900-01-01T00:00:00**</AppointmentDate>

<AppointmentRequestedDate>**1990-01-01T00:00:00**</AppointmentRequestedDate>

<MedicalFacilityNotes>**MedicalFacilityNotes1 MedicalFacilityNotes1 MedicalFacilityNotes1**</MedicalFacilityNotes>

<MedicalProcedureCode>**1010P**</MedicalProcedureCode>

<HOSIdentifier>**HOSIdentifier1**</HOSIdentifier>

<OfficePhone>**OfficePhone1**</OfficePhone>

<OfficeNotes>**OfficeNotes1**</OfficeNotes>

<ControlExam>**true**</ControlExam>

<RequestedByPatient>**4**</RequestedByPatient>

<MedicallyConditioned>**3**</MedicallyConditioned>

<SiteDescription>**SiteDescription1**</SiteDescription>

<ResponseCode>**02**</ResponseCode>

<WantsSpecificDoctor>**false**</WantsSpecificDoctor>

<WasInformedOfOthers>**true**</WasInformedOfOthers>

<UrgencyType>**3**</UrgencyType>

<ReferralUniqueIdentifier>**1236541236541**</ReferralUniqueIdentifier>

<ReferralDiagnosis>**A08.0**</ReferralDiagnosis>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientName>**PatientName1**</PatientName>

<PatientSurname>**PatientSurname1**</PatientSurname>

<PatientBirthDate>**1990-12-10T00:00:00**</PatientBirthDate>

<PatientGender>**1**</PatientGender>

<StreetName>**StreetName1**</StreetName>

<StreetNumber>**StreetNumber1**</StreetNumber>

<CityName>**CityName1**</CityName>

<CityPostalCode>**CityPostalCode1**</CityPostalCode>

<DistrictCode>**DistrictCode1**</DistrictCode>

<PatientEMail>**ime.prezime@nesto.com**</PatientEMail>

<PatientPhone>**065412365**</PatientPhone>

<PatientMobile>**031222111**</PatientMobile>

</Appointment>

<Appointment>

<AppointmentUniqueIdentifier>**124545454500111**</AppointmentUniqueIdentifier>

<AppointmentDate>**1900-01-01T00:00:00**</AppointmentDate>

<AppointmentRequestedDate>**1990-01-01T00:00:00**</AppointmentRequestedDate>

<MedicalFacilityNotes>**MedicalFacilityNotes1 MedicalFacilityNotes1 MedicalFacilityNotes1**</MedicalFacilityNotes>

<MedicalProcedureCode>**1010P**</MedicalProcedureCode>

<HOSIdentifier>**HOSIdentifier1**</HOSIdentifier>

<OfficePhone>**OfficePhone1**</OfficePhone>

<OfficeNotes>**OfficeNotes1**</OfficeNotes>

<ControlExam>**true**</ControlExam>

<RequestedByPatient>**2**</RequestedByPatient>

<MedicallyConditioned>**1**</MedicallyConditioned>

<SiteDescription>**SiteDescription1**</SiteDescription>

<ResponseCode>**05**</ResponseCode>

<WantsSpecificDoctor>**false**</WantsSpecificDoctor>

<WasInformedOfOthers>**false**</WasInformedOfOthers>

<UrgencyType>**3**</UrgencyType>

<ReferralUniqueIdentifier>**1236541236541**</ReferralUniqueIdentifier>

<ReferralDiagnosis>**A08.0**</ReferralDiagnosis>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientName>**PatientName1**</PatientName>

<PatientSurname>**PatientSurname1**</PatientSurname>

<PatientBirthDate>**1990-12-10T00:00:00**</PatientBirthDate>

<PatientGender>**1**</PatientGender>

<StreetName>**StreetName1**</StreetName>

<StreetNumber>**StreetNumber1**</StreetNumber>

<CityName>**CityName1**</CityName>

<CityPostalCode>**CityPostalCode1**</CityPostalCode>

<DistrictCode>**DistrictCode1**</DistrictCode>

<PatientEMail>**ime.prezime@nesto.com**</PatientEMail>

<PatientPhone>**065412365**</PatientPhone>

<PatientMobile>**031222111**</PatientMobile>

</Appointment>

</AppointmentsList>

</CreateAppointmentsRequest>

Details for every appointment:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **AppointmentDate** | Appointment date and time | YES |
| **AppointmentRequestedDate** | Date and time that the patient requested | YES |
| **MedicalFacilityNotes** | Notes sent by the hospital ordering system for booked appointment | NO |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **HOSIdentifier** | Unique identifier of the reservation in the facility | YES |
| **OfficePhone** | Phone of the office where the medical procedure is being performed | NO |
| **OfficeNotes** | Notes from the office where the medical procedure is being performed | NO |
| **ControlExam** | Flag indicating if the medical procedure is control exam | YES |
| **RequestedByPatient** | References catalogue RequestedByPatientType | NO |
| **MedicallyConditioned** | References catalogue MedicallyConditionedType | NO |
| **SiteDescription** | Adress/description of the location where medical procedure (VZS) is performed (i.e. “Bolnišnica dr. Petra Držaja, Vodnikova 62, 1000 Ljubljana”) | NO |
| **ResponseCode** | References catalogue ResponseCodeType | YES |
| **WantsSpecificDoctor** | True or False. Indicates if the appointment was selected based on the doctor performing the medical procedure | YES |
| **WasInformedOfOthers** | True or False. Indicates if the patient was aware of other earlier appointments (if they existed at the time when the reservation was made). Used when the selected appointment is outside of the legal boundaries for medical procedure | YES |
| **UrgencyTypeCode** | Urgency type code (References catalogue UrgencyCodeType) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **ReferralDiagnosis** | Diagnosis on the referral | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientName** | Patient first name | YES |
| **PatientSurname** | Patient last name | YES |
| **PatientBirthDate** | Patient birth date | YES |
| **PatientGender** | Patient gender (References catalogue PatientGenderType) | YES |
| **StreetName** | Street where the patient lives | YES |
| **StreetNumber** | Street number where the patient lives | YES |
| **CityName** | Name of the city patient lives in | YES |
| **CityPostalCode** | Postal code of the city patient lives in | YES |
| **DistrictCode** | Code of the district patient lives in | YES |
| **PatientEMail** | Patient email | YES |
| **PatientPhone** | Patient phone | YES |
| **PatientMobile** | Patient mobile | YES |
| **AwareOfExpiration** | True or False. Used to indicate that the user is/is not aware of the fact that is trying to create an appointment after the period in which was possible to make an appointment (based on urgency types codes) | NO |

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **BookerIdentifier** | Unique identifier (BPI) of the person which made the reservation | YES |
| **AppointmentsList** | List of appointments | YES |

### CreateAppointmentsResponse

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CreateAppointmentsResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CreateAppointmentsResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</CreateAppointmentsResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail or Partial |

## UpdateAppointments

Mehod which allows to update one or more appointments. Appointment can only be updated by the medical facility where the appointment is scheduled. Appointment can be transferred to a new referral only if the old referral expires within 15 days. The maximum number of appointments in the request is 20.

### UpdateAppointmentsRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"AppointmentUpdate"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"NewReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEMail"** type=**"EmailType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientMobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"NewAppointmentDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RequestedByPatientCode"** type=**"RequestedByPatientType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicallyConditionedCode"** type=**"MedicallyConditionedType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"SiteDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ControlExam"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"WantsSpecificDoctor"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"WasInformedOfOthers"** type=**"xs:boolean"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"UpdatedAppointmentsList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** ref=**"AppointmentUpdate"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"UpdateAppointmentsRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** ref=**"UpdatedAppointmentsList"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<UpdateAppointmentsRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>**10000A**</HealthcareProviderSpecificIndex>

<UpdatedAppointmentsList>

<AppointmentUpdate>

<AppointmentUniqueIdentifier>**121212545400036**</AppointmentUniqueIdentifier>

<NewReferralUniqueIdentifier>**1213651236540**</NewReferralUniqueIdentifier>

<PatientEMail>**ime.prezime@nesto.com**</PatientEMail>

<PatientMobile>**021458741**</PatientMobile>

<RequestedByPatientCode>**2**</RequestedByPatientCode>

<MedicallyConditionedCode>**1**</MedicallyConditionedCode>

<SiteDescription />

<OfficeNotes />

<ResponseCode>**05**</ResponseCode>

<ControlExam>**true**</ControlExam>

<WantsSpecificDoctor>**true**</WantsSpecificDoctor>

<WasInformedOfOthers>**false**</WasInformedOfOthers>

</AppointmentUpdate>

<AppointmentUpdate>

<AppointmentUniqueIdentifier>**121212545411125**</AppointmentUniqueIdentifier>

<NewReferralUniqueIdentifier>**1213651236540**</NewReferralUniqueIdentifier>

<PatientEMail>**ime.prezime@nesto.com**</PatientEMail>

<PatientMobile>**021458741**</PatientMobile>

<ResponseCode>**02**</ResponseCode>

<ControlExam>**false**</ControlExam>

<WantsSpecificDoctor>**false**</WantsSpecificDoctor>

<WasInformedOfOthers>**false**</WasInformedOfOthers>

</AppointmentUpdate>

</UpdatedAppointmentsList>

</UpdateAppointmentsRequest>

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **UpdatedAppointmentsList** | List of appointments | YES |

Details for every appointment:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **NewReferralUniqueIdentifier** | New referral unique identifier | Only if appointments have to be linked to new referral |
| **PatientEMail** | New email of the patient | Only if email changes |
| **PatientMobile** | New mobile number of the patient | Only if mobile number changes |
| **NewAppointmentDate** | New appointment date and time | Only if appointment date and time changes |
| **RequestedByPatientCode** | References catalogue RequestedByPatientType | If changed |
| **MedicallyConditionedCode** | References catalogue MedicallyConditionedType | If changed |
| **SiteDescription** | Adress/description of the location where medical procedure (VZS) is performed  (i.e. “Bolnišnica dr. Petra Držaja, Vodnikova 62, 1000 Ljubljana”) | If changed |
| **OfficeNotes** | Notes from the office where the medical procedure is being performed  (i.e. “Additional explanations can be obtained by post”) | If changed |
| **MedicalFacilityNotes** | Notes about the appointment | If changed |
| **ResponseCode** | References catalogue ResponseCodeType | If changed |
| **ControlExam** | Flag indicating if the medical procedure is control exam | If changed |
| **WantsSpecificDoctor** | True or False. Indicates if the appointment was selected based on the doctor performing the medical procedure | If changed |
| **WasInformedOfOthers** | True or False. Indicates if the patient was aware of other earlier appointments (if they existed at the time when the reservation was made). Used when the selected appointment is outside of the legal boundaries for medical procedure | If changed |

### UpdateAppointmentsResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"UpdateAppointmentsResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

Successful response:

<?xml version**="1.0"** encoding**="utf-8"**?>  
<UpdateAppointmentsResponse xmlns:xsi**="**[**http://www.w3.org/2001/XMLSchema-instance"**](http://www.w3.org/2001/XMLSchema-instance%22)xmlns:xsd=**"**[**http://www.w3.org/2001/XMLSchema"**>](http://www.w3.org/2001/XMLSchema%22%3e)  
   <SuccessStatus>**1**</SuccessStatus>  
</UpdateAppointmentsResponse>

Partial success – only unsuccessfull update was not registered

<?xml version="1.0" encoding="utf-8"?>  
<UpdateAppointmentsResponse xmlns:xsi=**"**[**http://www.w3.org/2001/XMLSchema-instance"**](http://www.w3.org/2001/XMLSchema-instance%22) xmlns:xsd=**"**[**http://www.w3.org/2001/XMLSchema">**](http://www.w3.org/2001/XMLSchema%22%3e)  
  <SuccessStatus>**3**</SuccessStatus>  
  <ErrorList>  
    <Error>  
      <Code>**7**</Code>  
      <Description>**Neveljaven edinstveni identifikator naročila!**</Description>  
      <AppointmentUniqueIdentifier>**123456589123450**</AppointmentUniqueIdentifier>  
    </Error>  
  </ErrorList>  
</UpdateAppointmentsResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail or Partial |

## CreateAdmission

Method used to register a patient admission. It is not possible to call it after the referral has been expired. Admission can only be made by the medical facility where appointment is scheduled.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| Vpisan | V izvajanju |

**Referral status change:**

Onetime/Reusable/Permanent referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Vpisana | In case of admission the referral status remains the same | Vpisana |

### CreateAdmissionRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CreateAdmissionRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionOrgIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionOrgName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionOrgDepartmentIden1"**

type=**"MedicalActivityFirstSecondTypeCode"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionOrgDepartmentIden2"**

type=**"MedicalActivityFirstSecondTypeCode"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionDocIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionDocGivenName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionDocFamilyName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionOrgInPublicHealth"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AdmissionDatetime"** type=**"xs:dateTime"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CreateAdmissionRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

<AdmissionOrgIdentifier>**orgIdent**</AdmissionOrgIdentifier>

<AdmissionOrgName>**orgName**</AdmissionOrgName>

<AdmissionOrgDepartmentIden1>**123**</AdmissionOrgDepartmentIden1>

<AdmissionOrgDepartmentIden2>**456**</AdmissionOrgDepartmentIden2>

<AdmissionDocIdentifier>**testDoc**</AdmissionDocIdentifier>

<AdmissionDocGivenName>**testName**</AdmissionDocGivenName>

<AdmissionDocFamilyName>**testName**</AdmissionDocFamilyName>

<AdmissionOrgInPublicHealth>**false**</AdmissionOrgInPublicHealth>

<AdmissionDatetime>**2019-01-01T00:00:00**</AdmissionDatetime>

</CreateAdmissionRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **AdmissionOrgIdentifier** | Identifier of the facility patient was admitted to | YES |
| **AdmissionOrgName** | Name of the facility patient was admitted to | YES |
| **AdmissionOrgDepartmentIden1** | First level identifier of the department patient was admitted to | YES |
| **AdmissionOrgDepartmentIden2** | Second level identifier of the department patient was admitted to | YES |
| **AdmissionDocIdentifier** | Identifier of the doctor that admitted the patient | YES |
| **AdmissionDocGivenName** | First name of the doctor that admitted the patient | YES |
| **AdmissionDocFamilyName** | Last name of the doctor that admitted the patient | YES |
| **AdmissionOrgInPublicHealth** | Flag indicating if the facility patient was admitted to is in public health system | YES |
| **AdmissionDatetime** | Date and time patient was admitted at | YES |

### CreateAdmissionResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CreateAdmissionResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CreateAdmissionResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**test1**</Description>

</Error>

<Error>

<Code>**2**</Code>

<Description>**test2**</Description>

</Error>

</ErrorList>

</CreateAdmissionResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## AppointmentRealisation

Method which is used to conclude patient’s examination. The rules for calling this method are:

1. It can be called during the referral validity period + one month after the referral expired

i.e. if the referral expired 15.06.2019, this method can be called till 15.07.2019.

1. RealisationDateTime value has to be before the referral expiration date

i.e. if the referral was valid till 15.06.2019. the value of RealisationDateTime has to be less or equal to this date.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| V izvajanju | Izveden |

**Referral status change:**

Onetime referral

|  |  |  |
| --- | --- | --- |
| Status before | Condition | Status after |
| Vpisana | No more appointments (or all are in Done status) and it has not been more than 5 days since the first realisation | Izvedena |
| Vpisana | There are no more appointments (or all are in Done status) and have passed more than 5 days since the first realisation | Iskorištena |
| Vpisana | There are appointments in status Vpisan or V izvajanju | Vpisana |
| Vpisana | There are appointments in status Vpisan or V izvajanju but the flag ControlNotNeeded was set to true. In this case we will cancel all the remaining appointments | Iskorištena |
| Vpisana | There are no more appointments and the flag ControlNotNeeded was set to true. | Iskorištena |

Reusable/Permanent

|  |  |  |
| --- | --- | --- |
| Status before | Condition | Status after |
| Vpisana | No more appointments (or all are in Done status) | Izvedena |
| Vpisana | There are appointments in status Vpisan or V izvajanju | Vpisana |
| Vpisana | There are appointments in status Vpisan or V izvajanju but the flag ControlNotNeeded was set to true. In this case we will cancel all the remaining appointments | Iskorištena |
| Vpisana | There are no more appointments and the flag ControlNotNeeded was set to true. | Iskorištena |

### AppointmentRealisationRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"AppointmentRealisationRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RealisationDocIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RealisationDateTime"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"EarliestControlDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ControlNotNeeded"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StartTreatment"** type=**"xs:boolean"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<AppointmentRealisationRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>**12681P**</HealthcareProviderSpecificIndex>

<AppointmentUniqueIdentifier>**126816789123456**</AppointmentUniqueIdentifier>

<ReferralUniqueIdentifier>**2017062900001**</ReferralUniqueIdentifier>

<RealisationDocIdentifier>**RealisationDocIdentifier**</RealisationDocIdentifier>

<RealisationDateTime>**2020-01-04T00:00:00**</RealisationDateTime>

<MedicalProcedureCode>**1053P**</MedicalProcedureCode>

<EarliestControlDate>**2020-01-01T00:00:00**</EarliestControlDate>

<ControlNotNeeded>**false**</ControlNotNeeded>

<StartTreatment>**false**</StartTreatment>

</AppointmentRealisationRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **RealisationDocIdentifier** | Identifier of the doctor who performed the medical procedure | YES |
| **RealisationDateTime** | Realisation date and time | YES |
| **MedicalProcedureCode** | Unique identifier of the medical procedure (VZS) | YES |
| **EarliestControlDate** | Earliest date of the next control exam for referral | NO |
| **ControlNotNeeded** | Flag to indicate that patient does not need any further control exams | YES |
| **StartTreatment** | Flag to indicate that patient has to start with the treatment and take no further control exams | YES |

### AppointmentRealisationResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"AppointmentRealisationResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<AppointmentRealisationResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**Napaka**</Description>

</Error>

</ErrorList>

</AppointmentRealisationResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## CancelAppointmentRealisation

Method which is used to cancel the realisation of the appointment. The rules for calling this method are:

1. It is not allowed to call this method after referral has expired
2. It can be called till the end of the month in which the realisation was registered + 5 days (the referral must be valid)

Examples:

* Referral is valid till 15.6.2019. The realization was registered 10.5.2019. It is possible to call this method till 5.6.2019.
* Referral is valid till 15.6.2019. The realization was registered 10.6.2019. It is possible to call this method only till 15.6.2019.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| Izveden | V izvajanju |

**Referral status change:**

Onetime/Reusable/Permanent referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Izvedena |  | Vpisana |
| Vpisana |  | Vpisana |
| Iskorištena | * Reaktivacija uputnice CR 06:   Zbog ControlNotNeeded je uputnica bila terminirana, sa CancelAppointmentRealisation se može reaktivirati uputnica | Napotnica prelazi u status Vpisana i naročilo u status V izvajanje |

### CancelAppointmetRealisationRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CancelAppointmentRealisationRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancelledBy"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelAppointmentRealisationRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<CancelledBy>**12345**</CancelledBy>

</CancelAppointmentRealisationRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the realisation | YES |

### CancelAppointmentRealisationResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CancelAppointmentRealisationResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelAppointmentRealisationResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**test1**</Description>

</Error>

<Error>

<Code>**2**</Code>

<Description>**test2**</Description>

</Error>

</ErrorList>

</CancelAppointmentRealisationResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## CancelAdmission

Method which is used to cancel a patient admission. It is not possible to call it after the referral has been expired.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| V izvajanju | Vpisan |

**Referral status change:**

Onetime/Reusable/Permanent referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Vpisana | Admission does not change the referral status, so if this method is called the status remains the same. | Vpisana |

### CancelAdmissionRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CancelAdmissionRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancelledBy"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelAdmissionRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**50001**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**2020062900001**</ReferralUniqueIdentifier>

<AppointmentUniqueIdentifier>**500014512121241**</AppointmentUniqueIdentifier>

<CancelledBy>**12345**</CancelledBy>

</CancelAdmissionRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the admission | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |

### CancelAdmissionResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CancelAdmissionResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelAdmissionResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**test1**</Description>

</Error>

<Error>

<Code>**2**</Code>

<Description>**test2**</Description>

</Error>

</ErrorList>

</CancelAdmissionResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## CancelAppointments

Method which allows to cancel one or more appointments. The maximum number of appointments in the request is 20. Only medical facility in which appointments are scheduled are allowed to cancel those appointments.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| Vpisan | Preklican |

**Referral status change:**

Onetime referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Vpisana | This is the only appointmentt | Izdana |
| Vpisana | There are more appointments in status Vpisan/v izvajanju | Vpisana |
| Vpisana | All the other appointments are completed and have passed more than 5 days since the first realization | Iskorištena |
| Vpisana | All the other appointments are completed and it has not been more than 5 days since the first realization | Izvedena |
| Vpisana | The cancellation reason is unjustified (if there are other open appointments they will be cancelled) | Iskorištena/Neiskorištena depending if any appointment was completed |

Reusable referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Vpisana | This is the only appointmentt | Izdana |
| Vpisana | There are more appointments in status Vpisan/v izvajanju | Vpisana |
| Vpisana | There are more appointments that are completed | Izvedena |
| Vpisana | The cancellation reason is unjustified (if there are other open appointments they will be cancelled) | Iskorištena/Neiskorištena depending if any appointment was completed |

Permanent: applies everything as for reusable referral. The only difference is that if the appointment is cancelled with an unjustified reason the referral’s validity is going to be shortened, and will be valid for 6 more months.

### CancelAppointmentsRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:include schemaLocation=**"AppointmentCancellationReasonsList.xsd"** />

<xs:element name=**"CancelAppoitmentDetails"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancelledBy"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationReasonCode"** type=**"AppointmentCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonDescription"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"CancelAppoitmentDetailsList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** ref=**"CancelAppoitmentDetails"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"CancelAppointmentsRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** ref=**"CancelAppoitmentDetailsList"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelAppointmentsRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>**10000A**</HealthcareProviderSpecificIndex>

<CancelAppoitmentDetailsList>

<CancelAppoitmentDetails>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<CancelledBy>**12345**</CancelledBy>

<CancellationReasonCode>**5**</CancellationReasonCode>

<CancellationReasonDescription>**description**</CancellationReasonDescription>

</CancelAppoitmentDetails>

</CancelAppoitmentDetailsList>

</CancelAppointmentsRequest>

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **CancelAppoitmentDetailsList** | List of appointments to cancel | YES |

For each appointment:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the appointment | YES |
| **CancellationReasonCode** | Cancellation reason code (References catalogue AppointmentCancellationReasonType) | YES |
| **CancellationReasonDescription** | Additional notes about the cancellation | Only if cancellation reason is Ostalo |

### CancelAppointmentsResponse

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CreateAppointmentsResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelAppointmentsResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**test1**</Description>

</Error>

<Error>

<Code>**2**</Code>

<Description>**test2**</Description>

</Error>

</ErrorList>

</CancelAppointmentsResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail or Partial |

## GetAppointment

Method which allows to get the details about a single appointment.

### GetAppointmentRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetAppointmentRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetAppointmentRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

</GetAppointmentRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |

### GetAppointmentResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"AppointmentSummary.xsd"** />

<xs:element name=**"Appointment"** type=**"AppointmentSummary"** />

<xs:element name=**"GetAppointmentResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"Appointment"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:include schemaLocation=**"AppointmentCancellationReasonsList.xsd"** />

<xs:complexType name=**"AppointmentSummary"**>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityAddress"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityFax"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityEMail"** type=**"EmailType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientNameAndSurname"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetNumber"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityPostalCode"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DistrictCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientMobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEmail"** type=**"EmailType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureName"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentDateTime"** type=**"xs:dateTime"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"SiteDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OldReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentStatus"** type=**"AppointmentStatusType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelledBy"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonCode"** type=**"AppointmentCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelReferralFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelReferralFacilitySpecificCode"** type=**"BPIspecificType"** />

</xs:all>

</xs:complexType>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetAppointmentResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<Appointment>

<AppointmentUniqueIdentifier>**857832202022168**</AppointmentUniqueIdentifier>

<MedicalFacilityName>**Testna Ustanova**</MedicalFacilityName>

<MedicalFacilityAddress>**Štefanova 5**</MedicalFacilityAddress>

<MedicalFacilityPhone>**01-478 6098**</MedicalFacilityPhone>

<MedicalFacilityFax>**01-478 6099**</MedicalFacilityFax>

<MedicalFacilityEMail>**test@test.si**</MedicalFacilityEMail>

<PatientNameAndSurname>**Ivica Kostelic**</PatientNameAndSurname>

<StreetName>**Ljubljanska cesta**</StreetName>

<StreetNumber>**2**</StreetNumber>

<CityName>**Novo mesto**</CityName>

<CityPostalCode>**8000**</CityPostalCode>

<DistrictCode>**085**</DistrictCode>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientPhone>**015555879**</PatientPhone>

<PatientMobile>**031555879**</PatientMobile>

<PatientEmail>**ivica.kostelic@mail.com**</PatientEmail>

<MedicalProcedureName>**Kardiovaskularni kirurski pregled -– prvi**</MedicalProcedureName>

<SiteDescription>**Hospital 54321**</SiteDescription>

<MedicalFacilityNotes>**No data**</MedicalFacilityNotes>

<ResponseCode>**01**</ResponseCode>

<HOSIdentifier>**4952**</HOSIdentifier>

<HealthcareProviderIndex>**12345**</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>**10000A**</HealthcareProviderSpecificIndex>

<ReferralUniqueIdentifier>**2014012500041**</ReferralUniqueIdentifier>

<OldReferralUniqueIdentifier>**2014012500040**</OldReferralUniqueIdentifier>

<AppointmentStatus>**CONF**</AppointmentStatus>

</Appointment>

</GetAppointmentResponse>

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **Appointment** | Appointment details | If SuccessStatus is set to Success |

Appointment details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **MedicalFacilityName** | Name of the facility where the exam was performed | YES |
| **MedicalFacilityAddress** | Address of the facility where the exam was performed | YES |
| **MedicalFacilityPhone** | Phone of the facility where the exam was performed | YES |
| **MedicalFacilityFax** | Fax of the facility where the exam was performed | NO |
| **MedicalFacilityEMail** | Email of the facility where the exam was performed | YES |
| **PatientNameAndSurname** | Patient first and last name | YES |
| **StreetName** | Street where the patient lives | YES |
| **StreetNumber** | Street number where the patient lives | YES |
| **CityName** | Name of the city patient lives in | YES |
| **CityPostalCode** | Postal code of the city patient lives in | YES |
| **DistrictCode** | Code of the district patient lives in | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientPhone** | Patient phone | NO |
| **PatientMobile** | Patient mobile | NO |
| **PatientEmail** | Patient email | NO |
| **MedicalProcedureName** | Medical procedure name | YES |
| **AppointmentDateTime** | Appointment date and time | NO |
| **SiteDescription** | Adress/description of the location where medical procedure (VZS) is performed (i.e. “Bolnišnica dr. Petra Držaja, Vodnikova 62, 1000 Ljubljana”) | NO |
| **MedicalFacilityNotes** | Notes sent by the hospital ordering system for booked appointment | NO |
| **ResponseCode** | References catalogue ResponseCodeType | YES |
| **HOSIdentifier** | Unique identifier of the reservation in the facility | NO |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | NO |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **OldReferralUniqueIdentifier** | Previous referral unique identifier | NO |
| **AppointmentStatus** | References catalogue AppointmentStatusType | YES |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the appointment | NO |
| **CancellationReasonCode** | Cancellation reason code (References catalogue AppointmentCancellationReasonType) | NO |
| **CancellationReasonDescription** | Additional notes about the cancellation (mandatory for reason Ostalo) | NO |
| **CancelReferralFacilityCode** | Code of the facility that cancelled the appointment | NO |
| **CancelReferralFacilitySpecificCode** | Specific code of the facility that cancelled the appointment | NO |

## GetAppointmentsForPatient

Method used to get all the appointments for a patient. It is mandatory to provide the patient insurance identifier (KZZ). Other parameters are used to narrow the search.

### GetAppointmentsForPatientRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetAppointmentsForPatientRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentStatus"** type=**"AppointmentStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateFrom"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateTo"** type=**"xs:dateTime"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetAppointmentsForPatientRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<PatientInsuranceIdentifier>**037676075**</PatientInsuranceIdentifier>

<MedicalProcedureCode>**1053P**</MedicalProcedureCode>

<ReferralUniqueIdentifier>**2020022600017**</ReferralUniqueIdentifier>

<AppointmentStatus>**CONF**</AppointmentStatus>

<DateFrom>**2020-05-15T00:00:00**</DateFrom>

<DateTo>**2020-10-15T00:00:00**</DateTo>

</GetAppointmentsForPatientRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | NO |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | NO |
| **AppointmentStatus** | References catalogue AppointmentStatusType | NO |
| **DateFrom** | Fetch all appointments from this date | NO |
| **DateTo** | Fetch all appointments till this date | NO |

### GetAppointmentsForPatientResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"AppointmentSummary.xsd"** />

<xs:element name=**"Appointment"** type=**"AppointmentSummary"** />

<xs:element name=**"Appointments"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"Appointment"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetAppointmentsForPatientResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"Appointments"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:include schemaLocation=**"AppointmentCancellationReasonsList.xsd"** />

<xs:complexType name=**"AppointmentSummary"**>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityAddress"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityFax"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityEMail"** type=**"EmailType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientNameAndSurname"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetNumber"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityPostalCode"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DistrictCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientMobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEmail"** type=**"EmailType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureName"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentDateTime"** type=**"xs:dateTime"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"SiteDescription"** type=**"xs:string"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OldReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentStatus"** type=**"AppointmentStatusType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelledBy"** type=**"NonEmptyString"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonCode"** type=**"AppointmentCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelReferralFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelReferralFacilitySpecificCode"** type=**"BPIspecificType"** />

</xs:all>

</xs:complexType>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetAppointmentsForPatientResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<Appointments>

<Appointment>

<AppointmentUniqueIdentifier>**738467216643424**</AppointmentUniqueIdentifier>

<MedicalFacilityName>**Testna Ustanova**</MedicalFacilityName>

<MedicalFacilityAddress>**Štefanova 5**</MedicalFacilityAddress>

<MedicalFacilityPhone>**01-478 6098**</MedicalFacilityPhone>

<MedicalFacilityFax>**01-478 6099**</MedicalFacilityFax>

<MedicalFacilityEMail>**test@test.si**</MedicalFacilityEMail>

<PatientNameAndSurname>**Ivica Kostelic**</PatientNameAndSurname>

<StreetName>**Ljubljanska cesta**</StreetName>

<StreetNumber>**2**</StreetNumber>

<CityName>**Novo mesto**</CityName>

<CityPostalCode>**8000**</CityPostalCode>

<DistrictCode>**085**</DistrictCode>

<PatientUniqueIdentifier>**1202003898747**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientPhone>**015555879**</PatientPhone>

<PatientMobile>**031555879**</PatientMobile>

<PatientEmail>**ivica.kostelic@mail.com**</PatientEmail>

<MedicalProcedureName>**Klinicno genetski pregled – prvi**</MedicalProcedureName>

<AppointmentDateTime>**2014-03-13T18:00:00**</AppointmentDateTime>

<SiteDescription>**Hospital 54321**</SiteDescription>

<MedicalFacilityNotes>**No data**</MedicalFacilityNotes>

<ResponseCode>**02**</ResponseCode>

<HOSIdentifier>**4953**</HOSIdentifier>

<HealthcareProviderIndex>**12345**</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>**12345A**</HealthcareProviderSpecificIndex>

<ReferralUniqueIdentifier>**2014012900038**</ReferralUniqueIdentifier>

<OldReferralUniqueIdentifier>**2014012500043**</OldReferralUniqueIdentifier>

<AppointmentStatus>**CANC**</AppointmentStatus>

<CancelledBy>**12345**</CancelledBy>

<CancellationReasonCode>**13**</CancellationReasonCode>

<CancellationReasonDescription>**Bolezen**</CancellationReasonDescription>

<CancelReferralFacilityCode>**12345**</CancelReferralFacilityCode>

<CancelReferralFacilitySpecificCode>**12345A**</CancelReferralFacilitySpecificCode>

</Appointment>

</Appointments>

</GetAppointmentsForPatientResponse>

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **Appointments** | Appointments list | If SuccessStatus is set to Success |

For every appointment:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **MedicalFacilityName** | Name of the facility where the exam was performed | YES |
| **MedicalFacilityAddress** | Address of the facility where the exam was performed | YES |
| **MedicalFacilityPhone** | Phone of the facility where the exam was performed | YES |
| **MedicalFacilityFax** | Fax of the facility where the exam was performed | NO |
| **MedicalFacilityEMail** | Email of the facility where the exam was performed | YES |
| **PatientNameAndSurname** | Patient first and last name | YES |
| **StreetName** | Street where the patient lives | YES |
| **StreetNumber** | Street number where the patient lives | YES |
| **CityName** | Name of the city patient lives in | YES |
| **CityPostalCode** | Postal code of the city patient lives in | YES |
| **DistrictCode** | Code of the district patient lives in | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientPhone** | Patient phone | NO |
| **PatientMobile** | Patient mobile | NO |
| **PatientEmail** | Patient email | NO |
| **MedicalProcedureName** | Medical procedure name | YES |
| **AppointmentDateTime** | Appointment date and time | NO |
| **SiteDescription** | Adress/description of the location where medical procedure (VZS) is performed  (i.e. “Bolnišnica dr. Petra Držaja, Vodnikova 62, 1000 Ljubljana”) | NO |
| **MedicalFacilityNotes** | Notes sent by the hospital ordering system for booked appointment (visible on the order confirmation, i.e. “Order by phone exclusively with electronic referral”) | NO |
| **ResponseCode** | References catalogue ResponseCodeType | YES |
| **HOSIdentifier** | Unique identifier of the reservation in the facility | NO |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **OldReferralUniqueIdentifier** | Previous referral unique identifier | NO |
| **AppointmentStatus** | References catalogue AppointmentStatusType | YES |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the appointment | NO |
| **CancellationReasonCode** | Cancellation reason code (References catalogue AppointmentCancellationReasonType) | NO |
| **CancellationReasonDescription** | Additional notes about the cancellation (mandatory for reason Ostalo) | NO |
| **CancelReferralFacilityCode** | Code of the facility that cancelled the appointment | NO |
| **CancelReferralFacilitySpecificCode** | Specific code of the facility that cancelled the appointment | NO |

## CreateTask

Method used to create a task. This method can only be called by the specialist, who is employee of the medical facility in which appointment is scheduled.

He can choose between 2 task types:

1. Update referral – when there is the need to update the referral with more details (the primary doctor which issued the referral will receive an update request). It is only possible to create a task for up to 5 days before the appointment date
2. Consultation – when the specialist would like to get more information from the primary doctor that issued the referral (the primary doctor which issued the referral will receive a consultation request)

### CreateTaskRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CreateTaskRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RequestType"** type=**"TaskType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RequestDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Email"** type=**"EmailType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

**<CreateTaskRequest xmlns:xsi="**http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<RequestType>**1**</RequestType>

<RequestDescription>**description**</RequestDescription>

</CreateTaskRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI)- facility where specialist works | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **RequestType** | Request type (References catalogue TaskType) – specialist can only use UpdateReferral or Consultation | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **RequestDescription** | Additional notes about the request | YES |
| **Email** | Specialist email, if provided the specialist will be notified when the request is processed | NO |

### CreateTaskResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CreateTaskResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TaskUniqueIdentifier"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CreateTaskResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<TaskUniqueIdentifier>**123456789123456**</TaskUniqueIdentifier>

</CreateTaskResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **TaskUniqueIdentifier** | Task unique identifier | If SuccessStatus is set to Success |

## SendMessage

Method used by specialists and primary doctors to exchange messages.

In order to SendMessage, specialist has to create a task. After that all the other messages regarding a specific patient/referral are exchanged within this method.

Flow:

1. Specialist creates a task (CreateTask)
2. Primary doctor responds (SendMessage)
3. Specialist responds (SendMessage) and so on.

### SendMessageRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"SendMessageRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Message"**

type=**" NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"TaskUniqueIdentifier"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<SendMessageRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<Message>**Odgovor za stranku**</Message>

<TaskUniqueIdentifier>**22**</TaskUniqueIdentifier>

</SendMessageRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **Message** | Message text | YES |
| **TaskUniqueIdentifier** | Task unique identifier | YES |

### SendMessageResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"SendMessageResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<SendMessageResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</SendMessageResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## UpdateUrgencyTypeCode

Only specialist can call this method to update the urgency type for a referral. The method can be called only for referrals which are in status *Created*.

### UpdateUrgencyTypeCodeRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"UpdateUrgencyTypeCodeRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HealthcareProviderSpecificIndex"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"NewUrgencyType"** type=**"UrgencyTypeForRefType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<UpdateUrgencyTypeCodeRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**api**</ApiKey>

<HealthcareProviderIndex>**12345**</HealthcareProviderIndex>

<NewUrgencyType>**2**</NewUrgencyType>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

</UpdateUrgencyTypeCodeRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **NewUrgencyType** | References catalogue UrgencyCodeType | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |

### UpdateUrgencyTypeCodeResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"UpdateUrgencyTypeCodeResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"**/>

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<UpdateUrgencyTypeCodeResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**test1**</Description>

</Error>

<Error>

<Code>**2**</Code>

<Description>**test2**</Description>

</Error>

</ErrorList>

</UpdateUrgencyTypeCodeResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetTaskList

Method that allows the primary doctor and specialist to get tasks they have been working on. If all the filters are omitted, the system will return the tasks created within the last 30 days.

### GetTaskListRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetTaskListRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RequestType"** type=**"TaskType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TaskStatus"** type=**"TaskStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateFrom"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateTo"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TaskUniqueIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"IsSpecialist"** type=**"xs:boolean"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetTaskListRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<RequestType>**5**</RequestType>

<TaskStatus>**1**</TaskStatus>

<IsSpecialist>**true**</IsSpecialist>

</GetTaskListRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | NO |
| **RequestType** | References catalogue TaskType | NO |
| **TaskStatus** | References catalogue TaskStatusType | NO |
| **DateFrom** | Fetch all tasks from this date | NO |
| **DateTo** | Fetch all tasks till this date | NO |
| **TaskUniqueIdentifier** | Task unique identifier | NO |
| **IsSpecialist** | Flag used to notify if specialist is fetching his tasks | YES |

### GetTaskListResponse

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:include schemaLocation="Common.xsd" />

<xs:element name="Task">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="ReferralUniqueIdentifier" type="ReferralUidType" />

<xs:element minOccurs="1" maxOccurs="1" name="PatientInsuranceIdentifier" type="PatientInsIdType" />

<xs:element minOccurs="1" maxOccurs="1" name="RequestType" type="TaskType" />

<xs:element minOccurs="1" maxOccurs="1" name="TaskStatus" type="TaskStatusType" />

<xs:element minOccurs="1" maxOccurs="1" name="TaskUniqueIdentifier" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="DateCreated" type="xs:dateTime" />

<xs:element minOccurs="0" maxOccurs="1" ref="MessageList"/>

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name="MessageList">

<xs:complexType>

<xs:sequence>

<xs:element minOccurs="0" maxOccurs="unbounded" ref="TaskMessage"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="TaskMessage">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="SenderBpi" type="NonEmptyString" />

<xs:element minOccurs="1" maxOccurs="1" name="Message" type="NonEmptyString" />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name="TasksList">

<xs:complexType>

<xs:sequence>

<xs:element minOccurs="1" maxOccurs="unbounded" ref="Task" />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="GetTaskListResponse">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="SuccessStatus" type="SuccessStatusType" />

<xs:element minOccurs="0" maxOccurs="1" name="ErrorList" type="ErrorListType" />

<xs:element minOccurs="0" maxOccurs="1" ref="TasksList" />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetTaskListResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<TasksList>

<Task>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<RequestType>**2**</RequestType>

<TaskStatus>**1**</TaskStatus>

<TaskUniqueIdentifier>**2**</TaskUniqueIdentifier>

<DateCreated>**2019-01-01T00:00:00**</DateCreated>

<MessageList>

<TaskMessage>

<SenderBpi>**12345**</SenderBpi>

<Message>**Poruka1**</Message>

</TaskMessage>

<TaskMessage>

<SenderBpi>**50001**</SenderBpi>

<Message>**Poruka2**</Message>

</TaskMessage>

</MessageList>

</Task>

<Task>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<RequestType>**2**</RequestType>

<TaskStatus>**1**</TaskStatus>

<TaskUniqueIdentifier>**3**</TaskUniqueIdentifier>

<DateCreated>**2019-01-01T00:00:00**</DateCreated>

<MessageList>

<TaskMessage>

<SenderBpi>**12345**</SenderBpi>

<Message>**Poruka1**</Message>

</TaskMessage>

<TaskMessage>

<SenderBpi>**50001**</SenderBpi>

<Message>**Poruka2**</Message>

</TaskMessage>

</MessageList>

</Task>

</TasksList>

</GetTaskListResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **TaskList** | Tasks list | If any task exists |

For every task:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **RequestType** | References catalogue TaskType | YES |
| **TaskStatus** | References catalogue TaskStatusType | YES |
| **TaskUniqueIdentifier** | Task unique identifier | YES |
| **DateCreated** | Date when the task was created | YES |
| **MessageList** | List of messages exchanged between primary doctor and specialist | If any message exists |

For every message:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SenderBpi** | Sender BPI | YES |
| **Message** | Message | YES |

## GetReferrralChanges

With this method the primary doctor can get all the referrals that he has issued and someone else has modified. If specialist changes the urgency type or cancels the referral, the primary doctor will be able to see every change with this method.

### GetReferrralChangesRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetReferralChangesRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ChangeType"** type=**"TaskType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateFrom"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateTo"** type=**"xs:dateTime"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetReferralChangesRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<ChangeType>**3**</ChangeType>

</GetReferralChangesRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | NO |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | NO |
| **ChangeType** | References catalogue TaskType | NO |
| **DateFrom** | Fetch all referral changes from this date | NO |
| **DateTo** | Fetch all referral changes till this date | NO |

### GetReferrralChangesResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"ReferralChange"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ChangeType"** type=**"TaskType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DateChange"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OldUrgencyType"** type=**"UrgencyTypeForRefType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"NewUrgencyType"** type=**"UrgencyTypeForRefType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelledBy"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReferralReasonType"**

type=**"ReferralCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancelReferralDescription"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"ReferralChanges"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** ref=**"ReferralChange"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetReferralChangesResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"ReferralChanges"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetReferralChangesResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<ReferralChanges>

<ReferralChange>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<ChangeType>**4**</ChangeType>

<OldUrgencyType>**2**</OldUrgencyType>

<NewUrgencyType>**1**</NewUrgencyType>

</ReferralChange>

<ReferralChange>

<ReferralUniqueIdentifier>**2014013100001**</ReferralUniqueIdentifier>

<ChangeType>**4**</ChangeType>

<OldUrgencyType>**2**</OldUrgencyType>

<NewUrgencyType>**1**</NewUrgencyType>

</ReferralChange>

</ReferralChanges>

</GetReferralChangesResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **ReferralChanges** | List of referral changes | If any exists |

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **ChangeType** | References catalogue TaskType | YES |
| **DateChange** | Date when the change was made | NO |
| **OldUrgencyType** | Old urgency type code (References catalogue UrgencyCodeType) | If urgency type was changed |
| **NewUrgencyType** | New urgency type code (References catalogue UrgencyCodeType) | If urgency type was changed |
| **CancelledBy** | Unique identifier (BPI) of the person which cancelled the referral | If referral was cancelled |
| **CancellationReferralReasonType** | References catalogue ReferralCancellationReasonType | If referral was cancelled |
| **CancelReferralDescription** | Additional notes regarding the cancellation | If referral was cancelled and description exists |

## CloseTask

Method used to close a task. Both specialist and primary doctor can call this method.

### CloseTaskRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CloseTaskRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"TaskUniqueIdentifier"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CloseTaskRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<TaskUniqueIdentifier>**1111**</TaskUniqueIdentifier>

</CloseTaskRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **TaskUniqueIdentifier** | Task unique identifier | YES |

### CloseTaskResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CloseTaskResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CloseTaskResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</CloseTaskResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetFreeSlotForProcedureCOS

This method returns first slots of medical facilities for specific medical procedure.

### GetFreeSlotsForProcedureRequestCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetFreeSlotsForProcedureRequestCOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RegionCode"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyTypeCode"** type=**"UrgencyTypeForAppType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetFreeSlotsForProcedureRequestCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<MedicalProcedureCode>**1053P**</MedicalProcedureCode>

<UrgencyTypeCode>**2**</UrgencyTypeCode>

</GetFreeSlotsForProcedureRequestCOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **RegionCode** | References catalogue StatisticalRegionCode | NO |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **UrgencyTypeCode** | Urgency type code (References catalogue UrgencyCodeType) | YES |

### GetFreeSlotsForProcedureResponseCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"Office"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Name"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDateRegular"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDateUrgent"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDateVeryUrgent"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AdditionalNotes"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"OfficeList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"Office"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"UrgencySlot"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Urgency"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotSize"** type=**"xs:integer"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"FirstSlotDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDate"** type=**"xs:dateTime"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"UrgencyCodeList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"3"** ref=**"UrgencySlot"** />

</xs:sequence>

</xs:complexType>

<xs:unique name=**"UrgencyUnique"**>

<xs:selector xpath=**"UrgencySlot"** />

<xs:field xpath=**"Urgency"** />

</xs:unique>

</xs:element>

<xs:element name=**"FreeSlotForProcedure"** nillable=**"true"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"UrgencyCodeList"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"OfficeList"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RegionCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeWebAddress"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeBussinessHours"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeAddress"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeCity"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePostalCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeEMail"** type=**"EmailType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeFax"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AdditionalNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Active"** type=**"xs:boolean"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"FreeSlotsForProcedureList"** nillable=**"true"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"FreeSlotForProcedure"**/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetFreeSlotsForProcedureResponseCOS"** nillable=**"true"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"FreeSlotsForProcedureList"** />

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetFreeSlotsForProcedureResponseCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<FreeSlotsForProcedureList>

<FreeSlotForProcedure>

<MedicalFacilityCode>**12345**</MedicalFacilityCode>

<MedicalFacilitySpecificCode>**12345A**</MedicalFacilitySpecificCode>

<MedicalProcedureCode>**1053P**</MedicalProcedureCode>

<UrgencyCodeList>

<UrgencySlot>

<Urgency>**2**</Urgency>

<ResponseCode>**01**</ResponseCode>

<BlockSlotSize>**4**</BlockSlotSize>

<FirstSlotDate>**2020-10-01T00:00:00**</FirstSlotDate>

<BlockSlotDate>**2020-10-05T00:00:00**</BlockSlotDate>

</UrgencySlot>

<UrgencySlot>

<Urgency>**3**</Urgency>

<ResponseCode>**05**</ResponseCode>

<BlockSlotSize>**4**</BlockSlotSize>

<FirstSlotDate>**2020-11-01T00:00:00**</FirstSlotDate>

<BlockSlotDate>**2020-11-03T00:00:00**</BlockSlotDate>

</UrgencySlot>

<UrgencySlot>

<Urgency>**4**</Urgency>

<ResponseCode>**01**</ResponseCode>

<BlockSlotSize>**4**</BlockSlotSize>

<FirstSlotDate>**2020-11-12T00:00:00**</FirstSlotDate>

<BlockSlotDate>**2020-11-13T00:00:00**</BlockSlotDate>

</UrgencySlot>

</UrgencyCodeList>

<OfficeList>

<Office>

<Name>**OfficeName1**</Name>

<BlockSlotDateRegular>**2020-11-01T00:00:00**</BlockSlotDateRegular>

<BlockSlotDateUrgent>**2020-10-01T00:00:00**</BlockSlotDateUrgent>

<BlockSlotDateVeryUrgent>**2020-11-12T00:00:00**</BlockSlotDateVeryUrgent>

<AdditionalNotes>**Notes1**</AdditionalNotes>

</Office>

<Office>

<Name>**OfficeName2**</Name>

<BlockSlotDateRegular>**2020-12-09T00:00:00**</BlockSlotDateRegular>

<BlockSlotDateUrgent>**2020-12-09T00:00:00**</BlockSlotDateUrgent>

<BlockSlotDateVeryUrgent>**2020-12-09T00:00:00**</BlockSlotDateVeryUrgent>

<AdditionalNotes>**Notes1**</AdditionalNotes>

</Office>

</OfficeList>

<RegionCode>**01**</RegionCode>

<OfficeWebAddress>**OfficeWeb.com**</OfficeWebAddress>

<OfficeBussinessHours>**08-20**</OfficeBussinessHours>

<OfficeAddress>**Ulica 5**</OfficeAddress>

<OfficeCity>**Zagreb**</OfficeCity>

<OfficePostalCode>**10000**</OfficePostalCode>

<OfficeEMail>**officemail@in2.hr**</OfficeEMail>

<OfficePhone>**01123456**</OfficePhone>

<OfficeFax>**01123457**</OfficeFax>

<AdditionalNotes>**Additional notes**</AdditionalNotes>

</FreeSlotForProcedure>

</FreeSlotsForProcedureList>

</GetFreeSlotsForProcedureResponseCOS>

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **FreeSlotsForProcedureList** | List of free slots | If SucessStatus is set to Success and if any exists |

For every slot:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | NO |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Unique identifier of the medical procedure (VZS) | NO |
| **UrgencyCodeList** | List of free slots per urgency code type | NO |
| **OfficeList** | List of doctors/departments | NO |
| **RegionCode** |  | NO |
| **OfficeWebAddress** | Medical facility web address | NO |
| **OfficeBussinessHours** | Medical facility business hours | NO |
| **OfficeAddress** | Medical facility address | NO |
| **OfficeCity** | Medical facility city | NO |
| **OfficePostalCode** | Medical facility postal code | NO |
| **OfficeEMail** | Medical facility email | NO |
| **OfficePhone** | Medical facility phone number | NO |
| **OfficeFax** | Medical facility fax number | NO |
| **AdditionalNotes** | Additional notes about the facility (zVem web and the "Čakalne dobe" web displays this information) | NO |
| **Active** | Is appointment active | NO |

For every UrgencySlot:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **Urgency** | Urgency type code (References catalogue UrgencyCodeType) | YES |
| **ResponseCode** | Code of the booked slot type (References catalogue ResponseCodeType) | YES |
| **BlockSlotSize** | Number of slots requested for urgency type code | Yes for response code 01 and 02 |
| **FirstSlotDate** | Date of the first available slot | Yes for response code 01 and 02 |
| **BlockSlotDate** | Date of the first available block slot | Yes for response code 01 and 02 |

Office (if the node is provided within the xml then name + at least one block slot date are mandatory):

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **Name** | Doctor/resource/department name | YES |
| **BlockSlotDateRegular** | Date of the first available block slot for regular urgency type | NO |
| **BlockSlotDateUrgent** | Date of the first available block slot for urgent urgency type | NO |
| **BlockSlotDateVeryUrgent** | Date of the first available block slot for very urgent urgency type | NO |
| **AdditionalNotes** | Additional informations about free block slot of one medical procedure (VZS) for the clinic (information about the clinic may differ from facility information). zVem web and the "Čakalne dobe" web displays this information | NO |

## GetPrereservationForProcedureCOS

Method used to create prereservations in the HOS during the process of booking a reservation. The method internally calls GetPrereservationForProcedureHOS to fetch the current available terms in the facility based on the search details.

### GetPrereservationsForProcedureRequestCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetPrereservationsForProcedureRequestCOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"BookerIdentifier"** type=**"BookerIdentifierType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StartDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientBirthDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientGender"** type=**"PatientGenderType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralDiagnosis"** type=**"ReferralDiagnosisType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BeforeAfterTime"** type=**"xs:boolean"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Time"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetPrereservationsForProcedureRequestCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<MedicalFacilityCode>**10000**</MedicalFacilityCode>

<MedicalProcedureCode>**1000**</MedicalProcedureCode>

<BookerIdentifier>**12345**</BookerIdentifier>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<UrgencyType>**2**</UrgencyType>

<StartDate>**2014-01-10T00:00:00**</StartDate>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientBirthDate>**1990-01-10T00:00:00**</PatientBirthDate>

<PatientGender>**1**</PatientGender>

<ReferralDiagnosis>**I20**</ReferralDiagnosis>

</GetPrereservationsForProcedureRequestCOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **BookerIdentifier** | Unique identifier (BPI) of the person which made the reservation | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **UrgencyType** | Urgency type code (References catalogue UrgencyCodeType) | YES |
| **StartDate** | Search for terms from this date onward | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientBirthDate** | Patient birth date | YES |
| **PatientGender** | Patient gender (References catalogue PatientGenderType) | YES |
| **ReferralDiagnosis** | Diagnosis on referral | YES |
| **BeforeAfterTime** | 0-Before; 1-After. Specifies how to process “Time” field.IE, if BeforeAfterTIme=0, then find terms from specified “StartDate”, but only BEFORE specified “Time”. | NO |
| **Time** | Time used for filtering the result. Used to filter terms before or after specific time of the day | NO |

### GetPrereservationForProcedureResponseCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"Prereservation"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DateTime"** type=**"xs:dateTime"**/>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Name"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Description"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"PrereservationsList"**>

<xs:complexType>

<xs:sequence>

<xs:element ref=**"Prereservation"** minOccurs=**"0"** maxOccurs=**"unbounded"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetPrereservationsForProcedureResponseCOS"** nillable=**"true"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"PrereservationsList"** />

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetPrereservationsForProcedureResponseCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<PrereservationsList>

<Prereservation>

<HOSIdentifier>**1234567890123456789**</HOSIdentifier>

<UrgencyType>**2**</UrgencyType>

<DateTime>**2019-12-31T12:00:00**</DateTime>

<Name>**Name**</Name>

<Description>**Description1**</Description>

<ResponseCode>**01**</ResponseCode>

</Prereservation>

<Prereservation>

<HOSIdentifier>**1234567890123456789**</HOSIdentifier>

<UrgencyType>**2**</UrgencyType>

<DateTime>**2019-12-31T12:00:00**</DateTime>

<Name>**Name**</Name>

<Description>**Description2**</Description>

<ResponseCode>**01**</ResponseCode>

</Prereservation>

</PrereservationsList>

</GetPrereservationsForProcedureResponseCOS>

Prereservation details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **HOSIdentifier** | Unique identifier of the reservation in the facility | YES |
| **UrgencyType** | Urgency type code (References catalogue UrgencyCodeType) | YES |
| **DateTime** | Appointment date and time | YES |
| **Name** | Medical facility name | YES |
| **Description** | Additional notes | NO |
| **ResponseCode** | References catalogue ResponseCodeType | YES |

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **PrereservationsList** | Prereservation list | If SucessStatus is set to Success and if there is any prereservation available |

## BookRereservationCOS

Method used to make a reservation in the facility. Internally calls BookReservationHOS. The method is used only as a proxy to HOS.

**Appointment status change:**

|  |  |
| --- | --- |
| Status before | Status after |
| No status | Vpisan |

**Referral status change:**

Onetime referral

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Izdana | This is the first appointment | Vpisana |
| Izvedena | It is possible to make new appointments in the period of 5 days from the first realisation | Vpisana |
| Vpisana | The first order is completed, an appointment alredy exists and other appointments are made. i.e. one appointment in status Izveden, one in status Vpisan and one more appointment is made. \* | Vpisana |

\*All the appointments have to be made during the 5 days after the first realisation is registered.

Reusable/Permanent

|  |  |  |
| --- | --- | --- |
| Status before |  | Status after |
| Izdana | This is the first appointment | Vpisana |
| Vpisana |  | Vpisana |
| Izvedena |  | Vpisana |

### BookRereservationRequestCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"BookReservationRequestCOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"BookerIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralDiagnosis"** type=**"ReferralDiagnosisType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientSurname"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientBirthDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientGender"** type=**"PatientGenderType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetNumber"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityPostalCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DistrictCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEMail"** type=**"EmailType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientMobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ControlExam"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RequestedByPatient"** type=**"RequestedByPatientType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicallyConditioned"** type=**"MedicallyConditionedType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"BookedDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WantsSpecificDoctor"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WasInformedOfOthers"** type=**"xs:boolean"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<BookReservationRequestCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<HealthcareProviderIndex>**10000**</HealthcareProviderIndex>

<MedicalFacilityCode>**12345**</MedicalFacilityCode>

<MedicalProcedureCode>**1234**</MedicalProcedureCode>

<HOSIdentifier>**1234567890123456789**</HOSIdentifier>

<BookerIdentifier>**123**</BookerIdentifier>

<UrgencyType>**3**</UrgencyType>

<ReferralUniqueIdentifier>**1234567890123**</ReferralUniqueIdentifier>

<ReferralDiagnosis>**A20**</ReferralDiagnosis>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientName>**PatientName**</PatientName>

<PatientSurname>**PatientSurname**</PatientSurname>

<PatientBirthDate>**1980-01-01T00:00:00**</PatientBirthDate>

<PatientGender>**1**</PatientGender>

<StreetName>**StreetName**</StreetName>

<StreetNumber>**StreetNumber**</StreetNumber>

<CityName>**CityName**</CityName>

<CityPostalCode>**CityPostalCode**</CityPostalCode>

<ControlExam>**false**</ControlExam>

<BookedDate>**2019-01-01T00:00:00**</BookedDate>

<ResponseCode>**01**</ResponseCode>

<WantsSpecificDoctor>**false**</WantsSpecificDoctor>

<WasInformedOfOthers>**true**</WasInformedOfOthers>

</BookReservationRequestCOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Code of facility which makes the reservation (for reservations made from ReferralPublicWeb we send the BPI od IN2) | YES |
| **MedicalFacilityCode** | Medical facility code (BPI) – the facility for which the reservation is made for | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Unique identifier of the medical procedure (VZS) | YES |
| **HOSIdentifier** | Unique identifier of the reservation in the facility | YES |
| **BookerIdentifier** | Unique identifier (BPI) of the person which made the reservation | YES |
| **UrgencyType** | Urgency type code (References catalogue UrgencyCodeType) | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **ReferralDiagnosis** | Referral diagnosis unique identifier | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientName** | Patient first name | YES |
| **PatientSurname** | Patient last name | YES |
| **PatientBirthDate** | Patient birth date | YES |
| **PatientGender** | Patient gender (References catalogue PatientGenderType) | YES |
| **StreetName** | Street where the patient lives | YES |
| **StreetNumber** | Street number where the patient lives | YES |
| **CityName** | Name of the city patient lives in | YES |
| **CityPostalCode** | Postal code of the city patient lives in | YES |
| **DistrictCode** | Code of the district patient lives in | NO |
| **PatientEMail** | Patient email | NO |
| **PatientPhone** | Patient phone | NO |
| **PatientMobile** | Patient mobile | NO |
| **OfficePhone** | Phone of the office where the medical procedure is being performed | NO |
| **OfficeNotes** | Notes from the office where the medical procedure is being performed | NO |
| **ControlExam** | Flag indicating if the medical procedure is control exam | YES |
| **RequestedByPatient** | References catalogue RequestedByPatientType | NO |
| **MedicallyConditioned** | References catalogue MedicallyConditionedType | NO |
| **BookedDate** | Date and time of the reservation | YES |
| **ResponseCode** | Code of the booked slot type (References catalogue ResponseCodeType) | YES |
| **WantsSpecificDoctor** | True or False. Indicates if the appointment was selected based on the doctor performing the medical procedure | YES |
| **WasInformedOfOthers** | True or False. Indicates if the patient was aware of other earlier appointments (if they existed at the time when the reservation was made). Used when the selected appointment is outside of the legal boundaries for medical procedure | YES |

### BookRereservationResponseCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"BookReservationResponseCOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"xs:string"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AdditionalNotes"** type=**"xs:string"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"LocationDescription"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<BookReservationResponseCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<AppointmentUniqueIdentifier>**123456789012345**</AppointmentUniqueIdentifier>

<HOSIdentifier>**1234567890123456789**</HOSIdentifier>

<AdditionalNotes>**test note**</AdditionalNotes>

<LocationDescription>**test description**</LocationDescription>

</BookReservationResponseCOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | If SuccessStatus is set to Success |
| **HOSIdentifier** | Unique identifier of the reservation in the facility | If SuccessStatus is set to Success |
| **AdditionalNotes** | Additional notes about the exam (doctor's note related to the order visible on the order confirmation) | NO |
| **LocationDescription** | Additional notes about the location where the exam is performed (i.e. “East block, second floor”) | NO |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## CancelReservationCOS

Method used to cancel a reservation. Regarding the status change, the same rules applies as for CancelAppointments. It is possible to cancel only one reservation per one call. The method internally calls CancelReservationHOS.

### CancelReservationRequestCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:include schemaLocation=**"AppointmentCancellationReasonsList.xsd"** />

<xs:element name=**"CancelReservationRequestCOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HealthcareProviderIndex"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationReasonCode"** type=**"AppointmentCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonDescription"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelReservationRequestCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**1d75ed19-1499-47ce-92cf-2377d01f9ade**</ApiKey>

<HealthcareProviderIndex>**12681**</HealthcareProviderIndex>

<MedicalFacilityCode>**45451**</MedicalFacilityCode>

<MedicalProcedureCode>**1010P**</MedicalProcedureCode>

<AppointmentUniqueIdentifier>**123456789012345**</AppointmentUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<CancellationReasonCode>**13**</CancellationReasonCode>

</CancelReservationRequestCOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Code (BPI) of who is cancelling the reservation | YES |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **CancellationReasonCode** | Cancellation reason code (References catalogue AppointmentCancellationReasonType) | YES |
| **CancellationReasonDescription** | Additional notes about the cancellation | Only if cancellation reason is Ostalo |

### CancelReservationResponseCOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CancelReservationResponseCOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelReservationResponseCOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</CancelReservationResponseCOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## RegisterConcessioner

Method that has to be called by the facilities that aren’t available all the time. With this method they notify that they are online and available so the central system can send the requests for free slot fetch, appointments fetch and cancellations/realisations fetch (processes A, B, C). It is advised to call this method every 5 minutes while online.

### RegisterConcessionerRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"RegisterConcessionerRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<RegisterConcessionerRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**test**</ApiKey>

<MedicalFacilityCode>**10000**</MedicalFacilityCode>

</RegisterConcessionerRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |

### RegisterConcessionerResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"RegisterConcessionerResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<RegisterConcessionerResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</RegisterConcessionerResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## RegisterProceduresForConcessioner

Method that has to be called by the facilities that aren’t available all the time. Using this method the facility send the list of procedures available at the facility. Based on that the central system will send the requests for free slot fetch, appointments fetch and cancellations/realisations fetch (processes A, B, C). It is advised to call this method every time after the first call of RegisterConsessioner method or once a day.

### RegisterProceduresForConcessionerRequest

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"ProcedureCodes"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** name=**"string"** type=**"MedicalProcedureCodeType"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"RegisterProceduresForConcessionerRequest"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ApiKey"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** ref=**"ProcedureCodes"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<RegisterProceduresForConcessionerRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**90d5bd87-5bc8-4d57-bdf0-95e152222b96**</ApiKey>

<MedicalFacilityCode>**12345**</MedicalFacilityCode>

<ProcedureCodes>

<string>**1053P**</string>

<string>**1011P**</string>

<string>**1038P**</string>

</ProcedureCodes>

</RegisterProceduresForConcessionerRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ProcedureCodes** | List od medical procedures codes | YES |

### RegisterProceduresForConcessionerResponse

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"RegisterProceduresForConcessionerResponse"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"**/>

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<RegisterProceduresForConcessionerResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</RegisterProceduresForConcessionerResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetReferralPdf

Method used to get data for generationg referral pdf confirmation.

### GetReferralPdfRequest

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:element name="GetReferralPdfRequest">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="ApiKey" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="HealthcareProviderIndex" type="xs:string" />

<xs:element minOccurs="0" maxOccurs="1" name="HealthcareProviderSpecificIndex" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="ReferralUniqueIdentifier" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="PatientInsuranceIdentifier" type="xs:string" />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<GetReferralPdfRequest xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<ApiKey>**90d5bd87-5bc8-4d57-bdf0-95e152222b96**</ApiKey>

<HealthcareProviderIndex>**12345**</HealthcareProviderIndex>

<ReferralUniqueIdentifier>**1234567890123**</ReferralUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

</GetReferralPdfRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |

### GetReferralPdfResponse

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:include schemaLocation="Common.xsd" />

<xs:element name="GetReferralPdfResponse">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="SuccessStatus" type="SuccessStatusType" />

<xs:element minOccurs="0" maxOccurs="1" name="ErrorList" type="ErrorListType" />

<xs:element minOccurs="1" maxOccurs="1" name="ReferralUniqueIdentifier" type="xs:string" />

<xs:element minOccurs="0" maxOccurs="1" name="Referral" type="xs:base64Binary" />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example successful response xml:

<?xml version="1.0" encoding="utf-8"?>

<GetReferralPdfResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<ReferralUniquIdentifier>**1234567890123**</ReferralUniquIdentifier> <Referral>**** . . . </Referral>

</GetReferralPdfResponse>

#### Example not successful response xml:

<?xml version="1.0" encoding="utf-8"?>

<GetReferralPdfResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**2**</SuccessStatus>

<ErrorList>

<Error>

<Code>**0002**</Code>

<Description>**test1**</Description>

</Error>

<Error>

<Code>**2**</Code>

<Description>**test2**</Description>

</Error>

</ErrorList>attach

<ReferralUniquIdentifier>**1234567890123**</ReferralUniquIdentifier>

</GetReferralPdfResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **Referral** | Binary content of the attachment | If SuccessStatus is set to Success |

## SubmitCrossborderSlot

This method is used for SLO hospitals to send to COS available crossborder reserved slot for active crossborder medical facilities and medical procedures. Method returns information if the reserved slots was successfully created in the system or not, and if not, reason why creation failed.

### SubmitCrossborderSlotRequest

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:include schemaLocation="Common.xsd" />

<xs:simpleType name="SlotStatusType">

<xs:restriction base="xs:string">

<xs:enumeration value="1"/>

<xs:enumeration value="2"/>

<xs:enumeration value="3"/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name="StateType">

<xs:restriction base="xs:string">

<xs:enumeration value="AT"/>

<xs:enumeration value="BA"/>

<xs:enumeration value="DE"/>

<xs:enumeration value="HR"/>

<xs:enumeration value="HU"/>

<xs:enumeration value="IT"/>

<xs:enumeration value="MK"/>

<xs:enumeration value="RS"/>

<xs:enumeration value="CH"/>

<xs:enumeration value="XK"/>

</xs:restriction>

</xs:simpleType>

<xs:element name="MedicalProcedures">

<xs:complexType>

<xs:sequence>

<xs:element minOccurs="1" maxOccurs="unbounded" name="string" type="MedicalProcedureCodeType" />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="SubmitCrossborderSlotRequest">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="ApiKey" type="NonEmptyString" />

<xs:element minOccurs="1" maxOccurs="1" name="HealthcareProviderIndex" type="BPIType" />

<xs:element minOccurs="0" maxOccurs="1" name="HealthcareProviderSpecificIndex" type="BPIspecificType" />

<xs:element minOccurs="1" maxOccurs="1" name="AppointmentUniqueIdentifier" type="AppointmentUnqIdenType" />

<xs:element minOccurs="1" maxOccurs="1" name="AppointmentDate" type="xs:dateTime" />

<xs:element minOccurs="1" maxOccurs="1" ref="MedicalProcedures" />

<xs:element minOccurs="0" maxOccurs="1" name="StateFor" type="StateType" />

<xs:element minOccurs="1" maxOccurs="1" name="AppointmentResourceName" type="xs:string" />

<xs:element minOccurs="0" maxOccurs="1" name="AppointmentResourceDescription" type="xs:string" />

<xs:element minOccurs="1" maxOccurs="1" name="SlotStatus" type="SlotStatusType" />

<xs:element minOccurs="0" maxOccurs="1" name="AdditionalNotes" type="xs:string" />

<xs:element minOccurs="0" maxOccurs="1" name="LocationDescription" type="xs:string" />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version="1.0" encoding="UTF-8"?>

<SubmitCrossborderSlotRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<ApiKey>ApiKey1</ApiKey>

<HealthcareProviderIndex>12681</HealthcareProviderIndex>

<HealthcareProviderSpecificIndex>12686A</HealthcareProviderSpecificIndex>

<AppointmentUniqueIdentifier>555666777888999</AppointmentUniqueIdentifier>

<AppointmentDate>2020-10-30T09:00:00</AppointmentDate>

<MedicalProcedures>

<string>1010A</string>

<string>1010P</string>

</MedicalProcedures>

<StateFor>IT</StateFor>

<AppointmentResourceName>room No, dr. Franco</AppointmentResourceName>

<AppointmentResourceDescription>Specialist for sport injury</AppointmentResourceDescription>

<SlotStatus>1</SlotStatus>

<AdditionalNotes>bring medical documentation</AdditionalNotes>

<LocationDescription>green building, 1st floor, room 123</LocationDescription>

</SubmitCrossborderSlotRequest>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **ApiKey** | Application key of the application making the request | YES |
| **HealthcareProviderIndex** | Medical facility code (BPI) | YES |
| **HealthcareProviderSpecificIndex** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **AppointmentDate** | Appointment date and time | YES |
| **MedicalProcedures** | List of medical procedure codes | YES |
| **StateFor** | Code of Crossborder State (Slots will be available only to defined crossborder state)  Value If null or empty slot will be available to any state  Country code is ISO alpha-2 (two letters) format, possible values: AT Austria, BA BosniaandHerzegovina, HR Croatia, DE Germany, HU Hungary, IT Italy, MK Macedonia, RS Serbia, CH Switzerland, XK Kosovo | NO |
| **AppointmentResourceName** | Name of appointment resource (i.e. “room No, dr. Franco…”) | YES |
| **AppointmentResourceDescription** | Description of appointment resource (i.e. “Specialist for sport injury…”) | NO |
| **SlotStatus** | Flag indicating the status of reserved slot - 1- Active, 2 - Canceled, 3 – Update Slot can be Canceled and Updated only if slot exists and is Active (not already booked) Slot status Update will update only fields: AppointmentDate, AppointmentResourceName and AppointmentResourceDescription | YES |
| **AdditionalNotes** | Additional notes for patientspecific for procedure (i.e. “Please bring all documentation”) | NO |
| **LocationDescription** | Description of location where procedure can be made (i.e. “East block, second floor”) | NO |

### SubmitCrossborderSlotResponse

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:include schemaLocation="Common.xsd" />

<xs:element name=" SubmitCrossborderSlotResponse ">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="SuccessStatus" type="SuccessStatusType" />

<xs:element minOccurs="0" maxOccurs="1" name="ErrorList" type="ErrorListType" />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<RegisterProceduresForConcessionerResponse xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</RegisterProceduresForConcessionerResponse>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

# HOS web service

Hospital ordering service (HOS) methods:

1. string GetFreeSlotForProcedureHOS(int version, string openEHRRequest)
2. string GetPrereservationForProcedureHOS(int version, string openEHRRequest)
3. string BookReservationHOS(int version, string openEHRRequest)
4. string LinkAppointmentToNewReferralHOS(int version, string request)
5. string GetAppointmentsForProcedureHOS(int version, string openEHRRequest)
6. string GetRealisationsForProcedureHOS(int version, string openEHRRequest)
7. string CancelReservationHOS(int version, string openEHRRequest)

## GetFreeSlotForProcedureHOS

Method used to get free slots for procedure from HOS. Method request is called by COS and it expects response from HOS for free slots for procedure.

### GetFreeSlotForProcedureRequestHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetFreeSlotsForProcedureRequestHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SlotSize"** type=**"xs:integer"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SlotSizeUrgent"** type=**"xs:integer"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SlotSizeVeryUrgent"** type=**"xs:integer"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetFreeSlotsForProcedureRequestHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<MedicalFacilityCode>**12681**</MedicalFacilityCode>

<MedicalFacilitySpecificCode>**12681B**</MedicalFacilitySpecificCode>

<MedicalProcedureCode>**1020K**</MedicalProcedureCode>

<SlotSize>**4**</SlotSize>

<SlotSizeUrgent>**2**</SlotSizeUrgent>

<SlotSizeVeryUrgent>**2**</SlotSizeVeryUrgent>

</GetFreeSlotsForProcedureRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **SlotSize** | Number of slots requested for regular urgency type code | YES |
| **SlotSizeUrgent** | Number of slots requested for urgent urgency type code | YES |
| **SlotSizeVeryUrgent** | Number of slots requested for very urgent urgency type code | YES |

### GetFreeSlotForProcedureResponseHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"MedicalProcedureContact"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MPContactBPI"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MPContactName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MPContactSurname"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MPContactEmail"** type=**"EmailType"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"Office"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Name"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDateRegular"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDateUrgent"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDateVeryUrgent"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AdditionalNotes"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"OfficeList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"Office"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"UrgencySlot"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Urgency"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotSize"** type=**"xs:integer"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"FirstSlotDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BlockSlotDate"** type=**"xs:dateTime"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"UrgencyCodeList"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"3"** ref=**"UrgencySlot"** />

</xs:sequence>

</xs:complexType>

<xs:unique name=**"UrgencyUnique"**>

<xs:selector xpath=**"UrgencySlot"** />

<xs:field xpath=**"Urgency"** />

</xs:unique>

</xs:element>

<xs:element name=**"GetFreeSlotsForProcedureResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"UrgencyCodeList"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"OfficeList"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeBussinessHours"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeAddress"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePostalCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeCity"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeWebAddress"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeEmail"** type=**"EmailType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeFax"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AdditionalNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"MedicalProcedureContact"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetFreeSlotsForProcedureResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<MedicalFacilityCode>**12681**</MedicalFacilityCode>

<MedicalFacilitySpecificCode>**12681B**</MedicalFacilitySpecificCode>

<MedicalProcedureCode>**1020K**</MedicalProcedureCode>

<UrgencyCodeList>

<UrgencySlot>

<Urgency>**3**</Urgency>

<ResponseCode>**01**</ResponseCode>

<BlockSlotSize>**2**</BlockSlotSize>

<FirstSlotDate>**2019-12-12T00:00:00**</FirstSlotDate>

<BlockSlotDate>**2020-02-02T00:00:00**</BlockSlotDate>

</UrgencySlot>

<UrgencySlot>

<Urgency>**2**</Urgency>

<ResponseCode>**02**</ResponseCode>

<BlockSlotSize>**2**</BlockSlotSize>

<FirstSlotDate>**2019-08-13T00:00:00**</FirstSlotDate>

<BlockSlotDate>**2020-07-12T00:00:00**</BlockSlotDate>

</UrgencySlot>

<UrgencySlot>

<Urgency>**4**</Urgency>

<ResponseCode>**01**</ResponseCode>

<BlockSlotSize>**2**</BlockSlotSize>

<FirstSlotDate>**2019-09-07T00:00:00**</FirstSlotDate>

<BlockSlotDate>**2020-03-02T00:00:00**</BlockSlotDate>

</UrgencySlot>

</UrgencyCodeList>

<OfficeList>

<Office>

<Name>**John Malkovich**</Name>

<BlockSlotDateRegular>**2020-03-15T00:00:00**</BlockSlotDateRegular>

<BlockSlotDateUrgent>**2020-03-15T00:00:00**</BlockSlotDateUrgent>

<BlockSlotDateVeryUrgent>**2020-03-15T00:00:00**</BlockSlotDateVeryUrgent>

<AdditionalNotes>**notes**</AdditionalNotes>

</Office>

<Office>

<Name>**John Doe**</Name>

<BlockSlotDateRegular>**2020-03-15T00:00:00**</BlockSlotDateRegular>

</Office>

</OfficeList>

<OfficeBussinessHours>**OfficeBussinessHours**</OfficeBussinessHours>

<OfficeAddress>**OfficeAddress**</OfficeAddress>

<OfficePostalCode>**OfficePostalCode**</OfficePostalCode>

<OfficeCity>**OfficeCity**</OfficeCity>

<OfficeWebAddress>**OfficeWebAddress**</OfficeWebAddress>

<OfficeEmail>**office.waitinglist@mail.com**</OfficeEmail>

<OfficePhone>**OfficePhone**</OfficePhone>

<OfficeFax>**OfficeFax**</OfficeFax>

<AdditionalNotes>**AdditionalNotes**</AdditionalNotes>

<MedicalProcedureContact>

<MPContactBPI>**01254**</MPContactBPI>

<MPContactName>**Doktor**</MPContactName>

<MPContactSurname>**Primarni**</MPContactSurname>

<MPContactEmail>**procedure.office@medical.com**</MPContactEmail>

</MedicalProcedureContact>

</GetFreeSlotsForProcedureResponseHOS>

MedicalProcedureContact -> Details about the person responsibile for medical procedure in facility:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MPContactBPI** | BPI number of contact person | NO |
| **MPContactName** | Contact person first name | NO |
| **MPContactSurname** | Contact person last name | NO |
| **MPContactEmail** | Contact person email | NO |

Office -> Details for every doctor/ambulance (if the node is provided within the xml then name + at least one block slot date are mandatory):

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **Name** | Doctor/resource/department name | YES |
| **BlockSlotDateRegular** | Date of the first available block slot for regular urgency type | NO |
| **BlockSlotDateUrgent** | Date of the first available block slot for urgent urgency type | NO |
| **BlockSlotDateVeryUrgent** | Date of the first available block slot for very urgent urgency type | NO |
| **AdditionalNotes** | Additional informations about free block slot of one medical procedure (VZS) for the clinic (information about the clinic may differ from facility information). zVem web and the "Čakalne dobe" web displays this information | NO |

UrgencySlot -> Details for every urgency type:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **Urgency** | Urgency type code (References catalogue UrgencyCodeType) | YES |
| **ResponseCode** | Code of the booked slot type (References catalogue ResponseCodeType) | YES |
| **BlockSlotSize** | Number of slots requested for urgency type code | Yes for response code 01 and 02 |
| **FirstSlotDate** | Date of the first available slot | Yes for response code 01 and 02 |
| **BlockSlotDate** | Date of the first available block slot | Yes for response code 01 and 02 |

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **MedicalFacilityCode** | Medical facility code (BPI) | If SuccessStatus is set to Success |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | If SuccessStatus is set to Success and if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | If SuccessStatus is set to Success |
| **UrgencyCodeList** | Contains UrgencySlot node | If SuccessStatus is set to Success |
| **OfficeList** | Contains Office node | NO |
| **OfficeBussinessHours** | Facility bussines hours | If SuccessStatus is set to Success and the facility has any available block slot |
| **OfficeAddress** | Facility address | NO |
| **OfficePostalCode** | Facility postal code | NO |
| **OfficeCity** | Facility city | NO |
| **OfficeWebAddress** | Facility web address | NO |
| **OfficeEmail** | Facility email | NO |
| **OfficePhone** | Facility phone | NO |
| **OfficeFax** | Facility fax | NO |
| **AdditionalNotes** | Additional notes about the facility (zVem web and the "Čakalne dobe" web displays this information) | NO |
| **MedicalProcedureContact** | Details about the person responsibile for medical procedure in facility | NO |

## GetPrereservationForProcedureHOS

Method used to create prereservations in the HOS during the process of booking a reservation. The method returns the current available terms in the facility based on the search input.

### GetPrereservationForProcedureRequestHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetPrereservationsForProcedureRequestHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BookerIdentifier"** type=**"BookerIdentifierType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StartDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientBirthDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientGender"** type=**"PatientGenderType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralDiagnosis"** type=**"ReferralDiagnosisType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Time"** type=**"xs:time"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BeforeAfterTime"** type=**"xs:boolean"**/>

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetPrereservationsForProcedureRequestHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<MedicalFacilityCode>**10000**</MedicalFacilityCode>

<MedicalFacilitySpecificCode>**10000A**</MedicalFacilitySpecificCode>

<MedicalProcedureCode>**1234**</MedicalProcedureCode>

<BookerIdentifier>**12345**</BookerIdentifier>

<ReferralUniqueIdentifier>**1234567890123**</ReferralUniqueIdentifier>

<UrgencyType>**3**</UrgencyType>

<StartDate>**2019-12-31T00:00:00**</StartDate>

<PatientUniqueIdentifier>**1234567890123**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientBirthDate>**1990-01-10T00:00:00**</PatientBirthDate>

<PatientGender>**2**</PatientGender>

<ReferralDiagnosis>**A20**</ReferralDiagnosis>

<Time>**13:00:00**</Time>

<BeforeAfterTime>**true**</BeforeAfterTime>

</GetPrereservationsForProcedureRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **BookerIdentifier** | Unique identifier (BPI) of the person which made the reservation | NO |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **UrgencyType** | References catalogue UrgencyCodeType | YES |
| **StartDate** | Prereservations only after start date should be returned | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientBirthDate** | Patient date of birth | YES |
| **PatientGender** | Patient gender (References catalogue PatientGenderType) | YES |
| **ReferralDiagnosis** | Diagnosis on referral | YES |
| **Time** | Time used for filtering the result. Used to filter terms before or after specific time of the day | NO |
| **BeforeAfterTime** | 0-Before; 1-After. Specifies how to process “Time” field.IE, if BeforeAfterTIme=0, then find terms from specified “StartDate”, but only BEFORE specified “Time”. | NO |

### GetPrereservationForProcedureResponseHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"Prereservation"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"HOSIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DateTime"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"Name"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Description"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ResponseCode"** type=**"ResponseCodeType"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"PrereservationsList"**>

<xs:complexType>

<xs:sequence>

<xs:element ref=**"Prereservation"** minOccurs=**"1"** maxOccurs=**"unbounded"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetPrereservationsForProcedureResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"PrereservationsList"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetPrereservationsForProcedureResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<PrereservationsList>

<Prereservation>

<HOSIdentifier>**1234567890123456789**</HOSIdentifier>

<UrgencyType>**2**</UrgencyType>

<DateTime>**2019-12-31T12:00:00**</DateTime>

<Name>**Name**</Name>

<Description>**Description1**</Description>

<ResponseCode>**01**</ResponseCode>

</Prereservation>

<Prereservation>

<HOSIdentifier>**1234567890123456789**</HOSIdentifier>

<UrgencyType>**2**</UrgencyType>

<DateTime>**2019-12-31T14:00:00**</DateTime>

<Name>**Name**</Name>

<Description>**Description2**</Description>

<ResponseCode>**01**</ResponseCode>

</Prereservation>

</PrereservationsList>

</GetPrereservationsForProcedureResponseHOS>

Prereservation details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **HOSIdentifier** | Prereservation identifier - generated by Hospital ordering system. Must be used in BookReservation call. | YES |
| **UrgencyType** | Urgency code type (References catalogue UrgencyCodeType) | YES |
| **DateTime** | Appointment date and time | YES |
| **Name** | Medical facility name | YES |
| **Description** | Additional notes | NO |
| **ResponseCode** | References catalogue ResponseCodeType | YES |

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **PrereservationsList** | Prereservation list | If SuccessStatus is set to Success and if there are any prereservations available |

## BookReservationHOS

Method used to make a reservation in HOS.

### BookReservationRequestHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"BookReservationRequestHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"BookerIdentifier"** type=**"BookerIdentifierType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PrereservationId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyType"** type=**"UrgencyTypeForAppType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientSurname"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientBirthDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientGenderType"** type=**"PatientGenderType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralDiagnosis"** type=**"ReferralDiagnosisType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"StreetNumber"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CityPostalCode"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"DistrictCode"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientPhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientMobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEmail"** type=**"EmailType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficePhone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"OfficeNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ControlExam"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RequestedByPatient"** type=**"RequestedByPatientType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicallyConditioned"** type=**"MedicallyConditionedType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WantsSpecificDoctor"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WasInformedOfOthers"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CountryCode"** type=**"CountryCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ValidityType"** type=**"ReferralValidityType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ValidityDuration"** type=**"xs:int"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralReason"** type=**"ReferralReasonType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DoctorIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DoctorGivenName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DoctorFamilyName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"DoctorRole"** type=**"DoctorType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"OrganizationIdentifier"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"OrganizationName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"OrganizationInPublicHealthcare"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"OrganizationStatisticalRegion"** type=**"StatisticalRegionCode"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalActivityFirstTypeCode"**

type=**"MedicalActivityFirstSecondTypeCode"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalActivitySecondTypeCode"**

type=**"MedicalActivityFirstSecondTypeCode"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ScopeExamination"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ScopeTreatment"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ScopeSpecialist"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralCreationDate"** type=**"xs:dateTime"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<BookReservationRequestHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<MedicalFacilityCode>**10000**</MedicalFacilityCode>

<PrereservationId>**PrerId**</PrereservationId>

<ReferralUniqueIdentifier>**1234567891234**</ReferralUniqueIdentifier>

<UrgencyType>**2**</UrgencyType>

<PatientUniqueIdentifier>**1234567891234**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<PatientName>**PatientName**</PatientName>

<PatientSurname>**PatientSurname**</PatientSurname>

<PatientBirthDate>**2000-01-01T00:00:00**</PatientBirthDate>

<PatientGenderType>**1**</PatientGenderType>

<ReferralDiagnosis>**I20**</ReferralDiagnosis>

<StreetName>**StreetName**</StreetName>

<StreetNumber>**StreetNumber**</StreetNumber>

<CityName>**CityName**</CityName>

<CityPostalCode>**CityPostalCode**</CityPostalCode>

<ControlExam>**false**</ControlExam>

<WantsSpecificDoctor>**false**</WantsSpecificDoctor>

<WasInformedOfOthers>**false**</WasInformedOfOthers>

<CountryCode>**SI**</CountryCode>

<ValidityType>**1**</ValidityType>

<ReferralReason>**1**</ReferralReason>

<DoctorIdentifier>**DoctorIdentifier**</DoctorIdentifier>

<DoctorGivenName>**DoctorGivenName**</DoctorGivenName>

<DoctorFamilyName>**DoctorFamilyName**</DoctorFamilyName>

<DoctorRole>**1**</DoctorRole>

<OrganizationIdentifier>**OrganizationIdentifier**</OrganizationIdentifier>

<OrganizationName>**OrganizationName**</OrganizationName>

<OrganizationInPublicHealthcare>**false**</OrganizationInPublicHealthcare>

<OrganizationStatisticalRegion>**9**</OrganizationStatisticalRegion>

<MedicalActivityFirstTypeCode>**123**</MedicalActivityFirstTypeCode>

<ScopeExamination>**false**</ScopeExamination>

<ScopeTreatment>**false**</ScopeTreatment>

<ScopeSpecialist>**false**</ScopeSpecialist>

<ReferralCreationDate>**2019-01-01T00:00:00**</ReferralCreationDate>

</BookReservationRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **BookerIdentifier** | Unique identifier (BPI) of the person which made the reservation | NO |
| **PrereservationId** | Prereservation identifier - generated by GetPrereservationsForProcedure method Hospital ordering system | YES |
| **ReferralUniqueIdentifier** | Referral unique identifier | YES |
| **UrgencyType** | References catalogue UrgencyCodeType | YES |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | YES |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | YES |
| **PatientName** | Patient first name | YES |
| **PatientSurname** | Patient last name | YES |
| **PatientBirthDate** | Patient birth date | YES |
| **PatientGenderType** | Patient gender (References catalogue PatientGenderType) | YES |
| **ReferralDiagnosis** | Referral diagnosis unique identifier | YES |
| **StreetName** | Street where the patient lives | YES |
| **StreetNumber** | Street number where the patient lives | YES |
| **CityName** | Name of the city patient lives in | YES |
| **CityPostalCode** | Postal code of the city patient lives in | YES |
| **DistrictCode** | Code of the district patient lives in | NO |
| **PatientPhone** | Patient phone | NO |
| **PatientMobile** | Patient mobile | NO |
| **PatientEmail** | Patient email | NO |
| **OfficePhone** | Office phone | NO |
| **OfficeNotes** | Notes about the office | NO |
| **ControlExam** | Flag indicating if the medical procedure is control exam | YES |
| **RequestedByPatient** | References catalogue RequestedByPatientType | NO |
| **MedicallyConditioned** | References catalogue MedicallyConditionedType | NO |
| **WantsSpecificDoctor** | True or False. Indicates if the appointment was selected based on the doctor performing the medical procedure | YES |
| **WasInformedOfOthers** | True or False. Indicates if the patient was aware of other earlier appointments (if they existed at the time when the reservation was made). Used when the selected appointment is outside of the legal boundaries for medical procedure | YES |
| **CountryCode** | Country ISO2 code | YES |
| **ValidityType** | References catalogue ReferralValidityType | YES |
| **ValidityDuration** | Duration of referral (if applicable) | NO |
| **ReferralReason** | References catalogue ReferralReasonType | YES |
| **DoctorIdentifier** | Doctor unique identifier (BPI) | YES |
| **DoctorGivenName** | Doctor first name | YES |
| **DoctorFamilyName** | Doctor last name | YES |
| **DoctorRole** | References catalogue DoctorType | YES |
| **OrganizationIdentifier** | Unique identifier of the facility (BPI) | YES |
| **OrganizationName** | Facility name | YES |
| **OrganizationInPublicHealthcare** | Flag indicating if the organization in which referral was created is in public health system | YES |
| **OrganizationStatisticalRegion** | References catalogue StatisticalRegionCode | YES |
| **MedicalActivityFirstTypeCode** | First level organization department identifier of the organization in which referral was created (VZD) | YES |
| **MedicalActivitySecondTypeCode** | Second level organization department identifier of the organization in which referral was created (VZD) | NO |
| **ScopeExamination** | Flag indicating if the referral has examination scope specified | YES |
| **ScopeTreatment** | Flag indicating if the referral has treatment scope specified | YES |
| **ScopeSpecialist** | Flag indicating if the referral has specialist scope specified | YES |
| **ReferralCreationDate** | Referral creation date and time | YES |

### BookReservationResponseHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"BookReservationResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PrereservationId"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AdditionalNotes"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"LocationDescription"** type=**"xs:string"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<BookReservationResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<PrereservationId>**PrereservationId**</PrereservationId>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

</BookReservationResponseHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **PrereservationId** | Prereservation identifier - generated by GetPrereservationsForProcedure method Hospital ordering system | If SuccessStatus is set to Success |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | If SuccessStatus is set to Success |
| **AdditionalNotes** | Additional notes for patient specific for procedure (i.e. “Please bring all documentation”) | NO |
| **LocationDescription** | Description of location where procedure can be made (i.e. “East block, second floor”) | NO |

## CancelReservationHOS

Method used to cancel an appointment in HOS.

### CancelReservationRequestHOS

<?xml version=**"1.0"** encoding=**"UTF-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:include schemaLocation=**"AppointmentCancellationReasonsList.xsd"** />

<xs:element name=**"CancelReservationRequestHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationReasonCode"** type=**"AppointmentCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonDescription"** type=**"NonEmptyString"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelReservationRequestHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<MedicalFacilityCode>**10000**</MedicalFacilityCode>

<MedicalFacilitySpecificCode>**10000A**</MedicalFacilitySpecificCode>

<AppointmentUniqueIdentifier>**123456789012345**</AppointmentUniqueIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<CancellationReasonCode>**1**</CancellationReasonCode>

<CancellationReasonDescription>**test1**</CancellationReasonDescription>

</CancelReservationRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **CancellationReasonCode** | Cancellation reason code (References catalogue AppointmentCancellationReasonType) | YES |
| **CancellationReasonDescription** | Additional notes about the cancellation | Only for reason “Ostalo” |

### CancelReservationResponseHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"CancelReservationResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<CancelReservationResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</CancelReservationResponseHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## LinkAppointmentsToNewReferralHOS

Method used in situations when an appointment was created for a date that is after the validity of the referral. After a new referral is created for that appointment the central system will call this method on HOS so that the facility can modify the referral details on the appointment.

15 days before the expiration of a referral, if there are appointments made for a date after the referral expiration, the central system will notify the primary doctor that a new referral must be issued. When the new referral is created the facility will be informed by calling this method.

### LinkAppointmentsToNewReferralRequestHOS

<?xml version="1.0" encoding="utf-8"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:include schemaLocation="Common.xsd" />

<xs:element name="AppointmentUniqueIdentifierList">

<xs:complexType >

<xs:sequence>

<xs:element minOccurs="1" maxOccurs="unbounded" name="AppointmentUniqueIdentifier" type="AppointmentUnqIdenType" />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="LinkAppointmentsToNewReferralRequestHOS">

<xs:complexType>

<xs:all>

<xs:element minOccurs="1" maxOccurs="1" name="OldReferralUniqueIdentifier" type="ReferralUidType" />

<xs:element minOccurs="1" maxOccurs="1" name="NewReferralUniqueIdentifier" type="ReferralUidType" />

<xs:element minOccurs="1" maxOccurs="1" ref="AppointmentUniqueIdentifierList"/>

<xs:element minOccurs="1" maxOccurs="1" name="PatientInsuranceIdentifier" type="PatientInsIdType" />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=""1.0"" encoding=""utf-8""?>

<LinkAppointmentsToNewReferralRequestHOS xmlns:xsi=""http://www.w3.org/2001/XMLSchema-instance"" xmlns:xsd=""http://www.w3.org/2001/XMLSchema"">

<OldReferralUniqueIdentifier>1234567891234</OldReferralUniqueIdentifier>

<NewReferralUniqueIdentifier>1234567891235</NewReferralUniqueIdentifier>

<AppointmentUniqueIdentifierList>

<AppointmentUniqueIdentifier>123456789123456</AppointmentUniqueIdentifier>

<AppointmentUniqueIdentifier>123456789123457</AppointmentUniqueIdentifier>

<AppointmentUniqueIdentifier>123456789123458</AppointmentUniqueIdentifier>

</AppointmentUniqueIdentifierList>

<PatientInsuranceIdentifier>123456789</PatientInsuranceIdentifier>

</LinkAppointmentsToNewReferralRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **OldReferralUniqueIdentifier** | Old referral unique identifier | YES |
| **NewReferralUniqueIdentifier** | New referral unique identifier | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |

### LinkAppointmentsToNewReferralResponseHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"LinkAppointmentsToNewReferralResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<LinkAppointmentsToNewReferralResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

</LinkAppointmentsToNewReferralResponseHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetAppointmentsForProcedureHOS

Method used to get appointments from HOS.

### GetAppointmentsForProcedureRequestHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetAppointmentsForProcedureRequestHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** nillable=**"true"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"FromDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PageNumber"** type=**"xs:integer"** nillable=**"true"**/>

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetAppointmentsForProcedureRequestHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<MedicalFacilityCode>**66791**</MedicalFacilityCode>

<MedicalProcedureCode>**1000**</MedicalProcedureCode>

<FromDate>**2019-05-02T00:00:00**</FromDate>

</GetAppointmentsForProcedureRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **FromDate** | From which date to get the appointments | YES |
| **PageNumber** | Number of page for which to get appointments | Only if paging is used |

### GetAppointmentsForProcedureResponseHOS

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"PatientAppointments"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** ref=**"PatientAppointment"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"PatientAppointment"**>

<xs:complexType>

<xs:sequence>

<xs:element ref=**"PatientInfo"** />

<xs:element ref=**"AppointmentInfo"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"AppointmentInfo"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalProcedureInternalIdentifier"** type=**"xs:string"** nillable=**"true"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentTypeCode"** type=**"AppointmentTypeCode"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalActivityFirstTypeCode"**

type=**"MedicalActivityFirstSecondTypeCode"** nillable=**"true"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalActivitySecondTypeCode"**

type=**"MedicalActivityFirstSecondTypeCode"** nillable=**"true"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"EntryDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyTypeCode"** type=**"UrgencyTypeForRefType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"NewUrgencyTypeCode"** type=**"UrgencyTypeForRefType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentBookerCode"** type=**"AppointmentBookerCode"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ReferralUniqueIdentifier"** type=**"ReferralUidType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PreviousReferralUniqueIdentifier"** type=**"ReferralUidType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ControlExam"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"RequestedByPatient"** type=**"RequestedByPatientType"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicallyConditioned"** type=**"MedicallyConditionedType"** nillable=**"true"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WantsSpecificDoctor"** type=**"xs:boolean"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"WasInformedOfOthers"** type=**"xs:boolean"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientInformedDate"** type=**"xs:dateTime"** nillable=**"true"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ReferralAdmissionDate"** type=**"xs:dateTime"** nillable=**"true"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TriageHealthcareProviderBpi"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TriageHealthcareProviderName"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TriageHealthcareProviderSurname"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TriageDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalIndicationProviderBpi"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalIndicationProviderName"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalIndicationProviderSurname"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientRequestedProviderBpi"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientRequestedProviderName"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientRequestedProviderSurname"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"FirstAvailableDate"** type=**"xs:dateTime"** nillable=**"true"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"TemporaryAppointmentDate"** type=**"xs:dateTime"** nillable=**"true"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentDateOld"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentRescheduledReason"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ReservationSourceTypeCode"** type=**"ReservationSourceTypeCode"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"PatientInfo"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientName"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientSurname"** type=**"NonEmptyString"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientUniqueIdentifier"** type=**"PatientUIdType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientEUCardNumber"** type=**"PatientEUCardNumberLength"**/>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PatientDocumentNumber"** type=**"PatientDocumentNumberLength"**/>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"InsuranceStateCode"** type=**"InsuranceStateCode"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientBirthDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientGender"** type=**"PatientGenderType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"PatientAppointmentContacts"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"PatientAppointmentContact"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Phone"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Mobile"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Note"** type=**"xs:string"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"Email"** type=**"EmailType"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"PatientAppointmentContacts"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"PatientAppointmentContact"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"PagingInfo"** nillable=**"true"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PageNumber"** type=**"xs:integer"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PageSize"** type=**"xs:integer"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RemainingNumber"** type=**"xs:integer"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"TotalNumber"** type=**"xs:integer"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetAppointmentsForProcedureResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"**/>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** nillable=**"true"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"PagingInfo"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** ref=**"PatientAppointments"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetAppointmentsForProcedureResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<MedicalFacilityCode>**12567**</MedicalFacilityCode>

<MedicalFacilitySpecificCode>**12567A**</MedicalFacilitySpecificCode>

<MedicalProcedureCode>**1000**</MedicalProcedureCode>

<PagingInfo>

<PageNumber>**1**</PageNumber>

<PageSize>**100**</PageSize>

<RemainingNumber>**3**</RemainingNumber>

<TotalNumber>**100**</TotalNumber>

</PagingInfo>

<PatientAppointments>

<PatientAppointment>

<PatientInfo>

<PatientName>**Ivor**</PatientName>

<PatientSurname>**Markoni**</PatientSurname>

<PatientUniqueIdentifier>**1235556784444**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**256985412**</PatientInsuranceIdentifier>

<PatientEUCardNumber>**555EU45698523659784523695**</PatientEUCardNumber>

<PatientDocumentNumber>**555DOK5897458632596359854**</PatientDocumentNumber>

<InsuranceStateCode>**HR**</InsuranceStateCode>

<PatientBirthDate>**1989-10-30T00:00:00**</PatientBirthDate>

<PatientGender>**1**</PatientGender>

<PatientAppointmentContacts>

<PatientAppointmentContact>

<Phone>**123456**</Phone>

<Mobile>**063695856**</Mobile>

<Note>**Pacient sam**</Note>

<Email>**ivor.markoni@gmail.com**</Email>

</PatientAppointmentContact>

<PatientAppointmentContact>

<Phone>**123456**</Phone>

<Mobile>**063695856**</Mobile>

<Note>**Skrbnik**</Note>

<Email>**anica.kovac@gmail.com**</Email>

</PatientAppointmentContact>

</PatientAppointmentContacts>

</PatientInfo>

<AppointmentInfo>

<MedicalProcedureInternalIdentifier>**UZV koljena interni  
 naziv**</MedicalProcedureInternalIdentifier>

<AppointmentTypeCode>**ORD**</AppointmentTypeCode>

<AppointmentUniqueIdentifier>**151515151555555**</AppointmentUniqueIdentifier>

<MedicalActivityFirstTypeCode>**100**</MedicalActivityFirstTypeCode>

<MedicalActivitySecondTypeCode>**101**</MedicalActivitySecondTypeCode>

<EntryDate>**0201-10-30T09:00:00**</EntryDate>

<AppointmentDate>**2013-11-30T09:00:00**</AppointmentDate>

<UrgencyTypeCode>**2**</UrgencyTypeCode>

<NewUrgencyTypeCode>**2**</NewUrgencyTypeCode>

<AppointmentBookerCode>**12345**</AppointmentBookerCode>

<ReferralUniqueIdentifier>**555REF1236954**</ReferralUniqueIdentifier>

<PreviousReferralUniqueIdentifier>**1234567891258** </PreviousReferralUniqueIdentifier>

<ControlExam>**true**</ControlExam>

<RequestedByPatient>**1**</RequestedByPatient>

<MedicallyConditioned>**2**</MedicallyConditioned>

<WantsSpecificDoctor>**true**</WantsSpecificDoctor>

<WasInformedOfOthers>**false**</WasInformedOfOthers>

<PatientInformedDate>**2013-10-30T09:00:00**</PatientInformedDate>

<ReferralAdmissionDate>**2013-10-30T09:00:00**</ReferralAdmissionDate>

<TriageHealthcareProviderBpi>**12345**</TriageHealthcareProviderBpi>

<TriageHealthcareProviderName>**Celestin**</TriageHealthcareProviderName>

<TriageHealthcareProviderSurname>**Vodnjov**</TriageHealthcareProviderSurname>

<TriageDate>**2013-11-05T09:00:00**</TriageDate>

<MedicalIndicationProviderBpi>**58794**</MedicalIndicationProviderBpi>

<MedicalIndicationProviderName>**Dejana**</MedicalIndicationProviderName>

<MedicalIndicationProviderSurname>**Piliček**</MedicalIndicationProviderSurname>

<PatientRequestedProviderBpi>**58794**</PatientRequestedProviderBpi>

<PatientRequestedProviderName>**Dejana**</PatientRequestedProviderName>

<PatientRequestedProviderSurname>**Piliček**</PatientRequestedProviderSurname>

<TemporaryAppointmentDate>**2013-11-30T00:00:00**</TemporaryAppointmentDate>

<AppointmentDateOld>**2013-11-20T00:00:00**</AppointmentDateOld>

<AppointmentRescheduledReason>**Bolest zdravnika**</AppointmentRescheduledReason>

<ReservationSourceTypeCode>**1**</ReservationSourceTypeCode>

</AppointmentInfo>

</PatientAppointment>

<PatientAppointment>

<PatientInfo>

<PatientName>**Jasna**</PatientName>

<PatientSurname>**Grižić**</PatientSurname>

<PatientUniqueIdentifier>**1235556784444**</PatientUniqueIdentifier>

<PatientInsuranceIdentifier>**123659487**</PatientInsuranceIdentifier>

<PatientEUCardNumber>**555EU45698523659784523695**</PatientEUCardNumber>

<PatientDocumentNumber>**555DOK5897458632596359854**</PatientDocumentNumber>

<InsuranceStateCode>**HR**</InsuranceStateCode>

<PatientBirthDate>**1989-10-30T00:00:00**</PatientBirthDate>

<PatientGender>**1**</PatientGender>

<PatientAppointmentContacts>

<PatientAppointmentContact>

<Phone>**123456**</Phone>

<Mobile>**063695856**</Mobile>

<Note>**Pacient sam**</Note>

<Email>**ivor.markoni@gmail.com**</Email>

</PatientAppointmentContact>

<PatientAppointmentContact>

<Phone>**123456**</Phone>

<Mobile>**063695856**</Mobile>

<Note>**Skrbnik**</Note>

<Email>**anica.kovac@gmail.com**</Email>

</PatientAppointmentContact>

</PatientAppointmentContacts>

</PatientInfo>

<AppointmentInfo>

<MedicalProcedureInternalIdentifier>**UZV koljena interni  
 naziv2**</MedicalProcedureInternalIdentifier>

<AppointmentTypeCode>**ORD**</AppointmentTypeCode>

<AppointmentUniqueIdentifier>**151515151555555**</AppointmentUniqueIdentifier>

<MedicalActivityFirstTypeCode>**100**</MedicalActivityFirstTypeCode>

<MedicalActivitySecondTypeCode>**101**</MedicalActivitySecondTypeCode>

<EntryDate>**0201-10-30T09:00:00**</EntryDate>

<AppointmentDate>**2013-11-30T09:00:00**</AppointmentDate>

<UrgencyTypeCode>**2**</UrgencyTypeCode>

<NewUrgencyTypeCode>**2**</NewUrgencyTypeCode>

<AppointmentBookerCode>**123456789**</AppointmentBookerCode>

<ReferralUniqueIdentifier>**555REF5695842**</ReferralUniqueIdentifier>

<PreviousReferralUniqueIdentifier>**1234567891269** </PreviousReferralUniqueIdentifier>

<ControlExam>**true**</ControlExam>

<RequestedByPatient>**1**</RequestedByPatient>

<MedicallyConditioned>**2**</MedicallyConditioned>

<WantsSpecificDoctor>**true**</WantsSpecificDoctor>

<WasInformedOfOthers>**false**</WasInformedOfOthers>

<PatientInformedDate>**2013-10-30T09:00:00**</PatientInformedDate>

<ReferralAdmissionDate>**2013-10-30T09:00:00**</ReferralAdmissionDate>

<TriageHealthcareProviderBpi>**12345**</TriageHealthcareProviderBpi>

<TriageHealthcareProviderName>**Celestin**</TriageHealthcareProviderName>

<TriageHealthcareProviderSurname>**Vodnjov**</TriageHealthcareProviderSurname>

<TriageDate>**2013-11-05T09:00:00**</TriageDate>

<MedicalIndicationProviderBpi>**58794**</MedicalIndicationProviderBpi>

<MedicalIndicationProviderName>**Dejana**</MedicalIndicationProviderName>

<MedicalIndicationProviderSurname>**Piliček**</MedicalIndicationProviderSurname>

<PatientRequestedProviderBpi>**58794**</PatientRequestedProviderBpi>

<PatientRequestedProviderName>**Dejana**</PatientRequestedProviderName>

<PatientRequestedProviderSurname>**Piliček**</PatientRequestedProviderSurname>

<TemporaryAppointmentDate>**2013-11-30T00:00:00**</TemporaryAppointmentDate>

<AppointmentDateOld>**2013-11-20T00:00:00**</AppointmentDateOld>

<AppointmentRescheduledReason>**Bolest zdravnika**</AppointmentRescheduledReason>

<ReservationSourceTypeCode>**1**</ReservationSourceTypeCode>

</AppointmentInfo>

</PatientAppointment>

</PatientAppointments>

</GetAppointmentsForProcedureResponseHOS>

Appointment details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalProcedureInternalIdentifier** | Medical procedure unique identifier (in facility) | NO |
| **AppointmentTypeCode** | References catalogue AppointmentType | YES |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **MedicalActivityFirstTypeCode** | First level identifier of the department patient was admitted to | NO |
| **MedicalActivitySecondTypeCode** | Second level identifier of the department patient was admitted to | NO |
| **EntryDate** | Date when appointment was created | YES |
| **AppointmentDate** | Appointment date and time | YES |
| **UrgencyTypeCode** | References catalogue UrgencyCodeType | YES |
| **NewUrgencyTypeCode** | References catalogue UrgencyCodeType | NO |
| **AppointmentBookerCode** | If appointment is made by doctor, doctor code is used. If appointment is created by patient via public eAppointment web portal, then ZZZS is used | NO |
| **ReferralUniqueIdentifier** | Referral unique identifier | NO |
| **PreviousReferralUniqueIdentifier** | Previous referral unique identifier | NO |
| **ControlExam** | Flag indicating if the medical procedure is control exam | YES |
| **RequestedByPatient** | References catalogue RequestedByPatientType | NO |
| **MedicallyConditioned** | References catalogue MedicallyConditionedType | NO |
| **WantsSpecificDoctor** | True or False. Indicates if the appointment was selected based on the doctor performing the medical procedure | YES |
| **WasInformedOfOthers** | True or False. Indicates if the patient was aware of other earlier appointments (if they existed at the time when the reservation was made). Used when the selected appointment is outside of the legal boundaries for medical procedure | YES |
| **PatientInformedDate** | Date and time when the patient was informed that the appointment was made | NO |
| **ReferralAdmissionDate** | Date and time when the referral document or certificate of referral creation was brought to medical facility. Appointment creation was based on this document | NO |
| **TriageHealthcareProviderBpi** | Identifier of the person which made triage of referral before appointment creation | NO |
| **TriageHealthcareProviderName** | First name of the person which made triage of referral before appointment creation | NO |
| **TriageHealthcareProviderSurname** | Last name of the person which made triage of referral before appointment creation | NO |
| **TriageDate** | Date and time of triage of referral made before appointment creation | NO |
| **MedicalIndicationProviderBpi** | Identifier of the person which made the decision that the appointment has medical indication | NO |
| **MedicalIndicationProviderName** | First name of the person which made the decision that the appointment has medical indication | NO |
| **MedicalIndicationProviderSurname** | Last name of the person which made the decision that the appointment has medical indication | NO |
| **PatientRequestedProviderBpi** | Identifier of the doctor which patient specifically requested | NO |
| **PatientRequestedProviderName** | First name of the doctor which patient specifically requested | NO |
| **PatientRequestedProviderSurname** | Last name of the doctor which patient specifically requested | NO |
| **FirstAvailableDate** | Date and time of first available appointment date at the time when the appointment was made. Should be filled if chosen appointment date wasn’t the first available | NO |
| **TemporaryAppointmentDate** | Date and time of temporary appointment date (appointment type “ORD” which indicates queue). | NO |
| **AppointmentDateOld** | Date and time of the original appointment date regardless of appointment type. Should be filled if there was some change made to appointment date | NO |
| **AppointmentRescheduledReason** | Reason why there was some change made to appointment date | NO |
| **ReservationSourceTypeCode** | References catalogue ReservationSourceType | NO |

Patient details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **PatientName** | Patient first name | NO |
| **PatientSurname** | Patient last name | NO |
| **PatientUniqueIdentifier** | Unique identifier of the patient (EMŠO) | NO |
| **PatientInsuranceIdentifier** | Insurance identifier of the patient (KZZ) | NO |
| **PatientEUCardNumber** | Number of the EU card | NO |
| **PatientDocumentNumber** | Number of personal document (passport or ID card) | NO |
| **InsuranceStateCode** | State of insurance (ISO 3166 codes) | YES |
| **PatientBirthDate** | Patient date of birth | YES |
| **PatientGender** | Patient gender (References catalogue PatientGenderType) | YES |
| **PatientAppointmentContacts** | List of patient contacts | NO |

Patient contact details

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **Phone** | Phone | NO |
| **Mobile** | Mobile | NO |
| **Note** | Note | NO |
| **Email** | Email | NO |

Paging details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **PageNumber** | The number of page for which appointments were returned | Yes if paging is used |
| **PageSize** | Number of appointments sent in current page/response | Yes if paging is used |
| **RemainingNumber** | Number of appointments that are not yet sent to COS; when value is equal to 0 paging is complete and it is considered that all appointments are sent to COS | Yes if paging is used |
| **TotalNumber** | Total number of appointments for current medical procedure (the sum of appointments sent throughout all pages) | Yes if paging is used |

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **PagingInfo** | Paging details | If paging is used and SuccessStatus is set to Success |
| **PatientAppointments** | Appointments list | If SuccessStatus is set to Success and if there are any appointments |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |

## GetRealisationsForProcedureHOS

Method used to get realized and canceled appointments from HOS.

### GetRealisationsForProcedureRequestHOS

<?xml version=**"1.0"** encoding=**"UTF-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:element name=**"GetRealisationsForProcedureRequestHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalFacilityCode"** type=**"BPIType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalFacilitySpecificCode"** type=**"BPIspecificType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"MedicalProcedureCode"** type=**"MedicalProcedureCodeType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"FromDate"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PageNumber"** type=**"xs:integer"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetRealisationsForProcedureRequestHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<MedicalFacilityCode>**10000**</MedicalFacilityCode>

<MedicalProcedureCode>**1010P**</MedicalProcedureCode>

<FromDate>**2019-01-01T00:00:00**</FromDate>

</GetRealisationsForProcedureRequestHOS>

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **MedicalFacilityCode** | Medical facility code (BPI) | YES |
| **MedicalFacilitySpecificCode** | Medical facility specific code (Used when multiple software vendors maintain the IS of the same facility) | Only if exists |
| **MedicalProcedureCode** | Medical procedure unique identifier (VZS) | YES |
| **FromDate** | From which date to get the realizations and cancellations | YES |
| **PageNumber** | Page number (used with Paging) | Only if paging is used |

### GetRealisationsForProcedureResponseHOS

<?xml version=**"1.0"** encoding=**"UTF-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:include schemaLocation=**"Common.xsd"** />

<xs:include schemaLocation=**"AppointmentCancellationReasonsList.xsd"** />

<xs:element name=**"AppointmentRealisation"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalProcedureInternalIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RealisationDatetime"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RealisationDoctorIdentifier"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RealisationDoctorName"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"RealisationDoctorSurname"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"ReferralGroundedCode"** type=**"ReferralGroundedType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"UrgencyTypeGrounded"** type=**"UrgencyGroundedType"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"AppointmentCancellation"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"MedicalProcedureInternalIdentifier"** type=**"xs:string"**/>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"PatientInsuranceIdentifier"** type=**"PatientInsIdType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationDatetime"** type=**"xs:dateTime"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationReasonCode"** type=**"AppointmentCancellationReasonType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"CancellationReasonDescription"** type=**"xs:string"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationSourceCode"** type=**"CancellationSourceType"** />

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"CancellationGroundedCode"** type=**"CancellationGroundedType"** />

</xs:all>

</xs:complexType>

</xs:element>

<xs:element name=**"AppointmentRealisations"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"AppointmentRealisation"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"AppointmentCancellations"**>

<xs:complexType>

<xs:sequence>

<xs:element minOccurs=**"0"** maxOccurs=**"unbounded"** ref=**"AppointmentRealisation"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name=**"GetRealisationsForProcedureResponseHOS"**>

<xs:complexType>

<xs:all>

<xs:element minOccurs=**"1"** maxOccurs=**"1"** name=**"SuccessStatus"** type=**"SuccessStatusType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"ErrorList"** type=**"ErrorListType"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"PagingInfo"**>

<xs:complexType>

<xs:sequence>

<xs:element name=**"PageNumber"** type=**"xs:integer"** />

<xs:element name=**"PageSize"** type=**"xs:integer"** />

<xs:element name=**"RemainingNumber"** type=**"xs:integer"** />

<xs:element name=**"TotalNumber"** type=**"xs:integer"** />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentRealisations"** />

<xs:element minOccurs=**"0"** maxOccurs=**"1"** name=**"AppointmentCancellations"** />

</xs:all>

</xs:complexType>

</xs:element>

</xs:schema>

#### Example xml:

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<GetRealisationsForProcedureResponseHOS xmlns:xsi=**"http://www.w3.org/2001/XMLSchema-instance"** xmlns:xsd=**"http://www.w3.org/2001/XMLSchema"**>

<SuccessStatus>**1**</SuccessStatus>

<AppointmentRealisations>

<AppointmentRealisation>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

<MedicalProcedureInternalIdentifier>**123**</MedicalProcedureInternalIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<RealisationDatetime>**2019-01-01T00:00:00**</RealisationDatetime>

<RealisationDoctorIdentifier>**12345**</RealisationDoctorIdentifier>

<RealisationDoctorName>**Name**</RealisationDoctorName>

<RealisationDoctorSurname>**Surname**</RealisationDoctorSurname>

<ReferralGroundedCode>**1**</ReferralGroundedCode>

<UrgencyTypeGrounded>**1**</UrgencyTypeGrounded>

</AppointmentRealisation>

</AppointmentRealisations>

<AppointmentCancellations>

<AppointmentCancellation>

<AppointmentUniqueIdentifier>**123456789123456**</AppointmentUniqueIdentifier>

<MedicalProcedureInternalIdentifier>**123**</MedicalProcedureInternalIdentifier>

<PatientInsuranceIdentifier>**123456789**</PatientInsuranceIdentifier>

<CancellationDatetime>**2019-01-01T00:00:00**</CancellationDatetime>

<CancellationReasonCode>**13**</CancellationReasonCode>

<CancellationReasonDescription>**Description**</CancellationReasonDescription>

<CancellationSourceCode>**1**</CancellationSourceCode>

<CancellationGroundedCode>**1**</CancellationGroundedCode>

</AppointmentCancellation>

</AppointmentCancellations>

</GetRealisationsForProcedureResponseHOS>

Realisation records details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **MedicalProcedureInternalIdentifier** | Medical procedure unique identifier in facility | NO |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **RealisationDatetime** | Realisation date and time | YES |
| **RealisationDoctorIdentifier** | Unique identifier (BPI) of the doctor which performed the exam | YES |
| **RealisationDoctorName** | Frist name of the doctor which performed the exam | YES |
| **RealisationDoctorSurname** | Last name of the doctor which performed the exam | YES |
| **ReferralGroundedCode** | References catalogue ReferralGroundedType | YES |
| **UrgencyTypeGrounded** | References catalogue UrgencyGroundedType | YES |

Cancellation records details:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **AppointmentUniqueIdentifier** | Appointment unique identifier | YES |
| **MedicalProcedureInternalIdentifier** | Medical procedure unique identifier in facility | NO |
| **PatientInsuranceIdentifier** | Patient insurance identifier (KZZ) | YES |
| **CancellationDatetime** | Cancellation date and time | YES |
| **CancellationReasonCode** | Cancellation reason code (References catalogue AppointmentCancellationReasonType) | YES |
| **CancellationReasonDescription** | Additional notes about the cancellation (mandatory for reason Ostalo) | NO |
| **CancellationSourceCode** | References catalogue CancellationSourceType | YES |
| **CancellationGroundedCode** | References catalogue CancellationGroundedType | YES |

Common:

|  |  |  |
| --- | --- | --- |
| **Element name** | **Element description** | **Mandatory** |
| **SuccessStatus** | References catalogue SuccessStatus | YES |
| **ErrorList** | List of errors | If SuccessStatus is set to Fail |
| **PagingInfo** | Details about paging | Only if paging is used |
| **AppointmentRealisations** | Details about appointments | If SuccessStatus is set to Success and if there are any appointments |
| **AppointmentCancellations** | Details about appointments | If SuccessStatus is set to Success and if there are any appointments |

## Versioning

In the central ordering system (COS), each medical facility has a current version of HOS messages it is using to communicate with the central system. COS always support two versions, the newest and the previous one.

COS uses that version to initiate communication. When the HOS is ready to start communicating using the latest version of messages, it must send a specific SOAP exception to the central system as a response to a request sent by COS. Only when it receives that specific exception, COS tries to resend the message defined by the newest version. *Example*: COS calls method V2, HOS sends exception, COS calls method V3

SOAP exception to be sent is has to have Error child node and in it the Number must be 1. The version number is not sent – when COS receives this SOAP exception, it interprets it as a notification that HOS is ready to switch to the next version (based on the one it is currently on).

### SOAP Exception example

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<soap:Body>

<soap:Fault>

<soap:Code>

<soap:Value>soap:Sender</soap:Value>

</soap:Code>

<soap:Reason>

<soap:Text xml:lang="en"></soap:Text>

</soap:Reason>

<detail>

<Error>

<ErrorMessage>Wrong version</ErrorMessage>

<ErrorNumber>1</ErrorNumber>

</Error>

</detail>

</soap:Fault>

</soap:Body>

</soap:Envelope>

### SOAP inner error XSD

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://tempuri.org/" xmlns:mstns="http://tempuri.org/" xmlns="http://tempuri.org/" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" attributeFormDefault="qualified" elementFormDefault="qualified">

<xs:element name="Error">

<xs:complexType>

<xs:sequence>

<xs:element name="ErrorMessage" type="xs:string" minOccurs="1" />

<xs:element name="ErrorNumber" type="xs:string" minOccurs="1" />

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:schema>

### SOAP inner error XML message example

<Error xmlns="http://tempuri.org/">

<ErrorMessage>Ready for new version</ErrorMessage>

<ErrorNumber>1</ErrorNumber>

</Error>

# CATALOGUES

## AppointmentCancellationReasonType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **Justified** |
| Zaradi sprememb mediciskih indikacij storitev za pacienta ni več potrebna | 1 | 1 | YES |
| Pacient bo opravil storitev drugdje (pri drugi ustanovi, zasebniku…) | 2 | 2 | YES |
| Pacient je opravil storitev drugdje (pri drugi ustanovi, zasebniku, v tujini…) | 3 | 3 | YES |
| Pacient odpovedal storitev na lastno željo | 4 | 4 | YES |
| Pacient ni odpovedal termina | 5 | 5 | YES |
| Storitev opravljena kod nujna | 6 | 6 | YES |
| Smrt pacienta | 7 | 7 | YES |
| Ostalo | 8 | 8 | YES |
| Uvrstitev napotnice v napačno čakalno knjigo, urnik, seznam | 9 | 9 | YES |
| Automatic appointment expiration | 10 | 10 | YES |
| Brez navedbe razlogov | 11 | 11 | NO |
| Nepričakovana hospitalizacija pacienta ali ožjega družinskega člana, ki onemoguća prihod pacienta na termin ali izvedbo zdravstvene storitve | 12 | 12 | YES |
| Nenadana bolezen, poškodba ali zdravstveno stanje pacienta ali ožjega družinskega člana, ki onemogoča prihod pacienta na termin ali izvedbo zdravstvene storitve | 13 | 13 | YES |
| Smrt ožjega družinskega člana pacienta | 14 | 14 | YES |
| Želja pacienta po črtanju s čakalnega seznama | 15 | 15 | YES |
| Pacientova zavrnitev izvedbe zdravstvene storitve | 16 | 16 | YES |
| Zdravstveno stanje pacienta ne omogoča izvedbe zdravstvene storitve, zaradi katere je uvrščen na čakalni seznam | 17 | 17 | YES |
| Neopravičena odsotnost od termina | 18 | 18 | YES |
| Druga ali katera koli naslednja uvrstitev na čakalni seznam za isto zdravstveno storitev | 19 | 19 | YES |
| Reaktivacija napotnice znotraj 35 dni od datuma termina in v primeru neupravičenega razloga za preklic naročila | 20 | 20 | YES |

## AppointmentStatusType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Vpisan | 1 | CONF |
| V izvajanju | 2 | INPR |
| Izveden | 3 | DONE |
| Preklican | 4 | CANC |

## AppointmentType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Urnik | 1 | SCH |
| Okvirni termin | 2 | ORD |

## Attachment type

Supporterd formats:

* + - 1. Pdf
      2. Doc
      3. Docx
      4. Txt
      5. Jpg
      6. Gif

## CancellationGroundedType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Utemeljeno | 1 | 1 |
| Neutemeljeno | 2 | 2 |

## CancellationSourceType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Preklical pacijent | 1 | 1 |
| Preklicala ustanova | 2 | 2 |
| Preklical centralni sistem eNaročanje | 3 | 3 |

## Class code



## DoctorType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| Osebni | 1 | 1 | at0.4 |
| Nadomestni | 2 | 2 | at0.5 |
| NMP | 3 | 3 | at0.6 |
| Napotni | 4 | 4 | at0.7 |

## MedicallyConditionedType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Medicinska indikacija za preiskavo ob točno določenem času (pregled/preiskava vezana na določeno obdobje) | 1 | 1 |
| Medicinska indikacija za izvedbo pred drugo zdravstveno storitvijo (operacijo ali kontrolimm pregledom) | 2 | 2 |
| Vezano na potreb prethodne preiskave | 3 | 3 |
| Uvrstitev na podlagi internih triažnih kriterijev oz. pridruženega stanja pacienta v okviru stope nujnosti | 4 | 4 |

## PatientGenderType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| Moški | 1 | M | at0020 |
| Ženski | 2 | F | at0021 |
| Neznan | 3 | N | at0022 |

## ReferralActionType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Create | 1 | 1 |
| Update | 2 | 2 |
| Cancel | 3 | 3 |

## ReferralCancellationReasonType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| eNapotnica izdana z napačnimi podatki (napačen vnos) | 1 | 1 | at0.0.54 |
| Storitev opravljena kot nujna | 2 | 2 | at0.0.55 |
| Pacient opravil storitev pri zasebniku | 3 | 3 | at0.0.56 |
| Pacient opravil storitev v tujini | 4 | 4 | at0.0.57 |
| Pacient odpovedal storitev na lastno željo | 5 | 5 | at0.0.58 |
| Zaradi sprememb medicinskih indikacij storitev za pacienta ni več potrebna | 6 | 6 | at0.0.59 |
| Smrt pacienta | 7 | 7 | at0.0.60 |
| Ostalo | 8 | 8 | at0.0.61 |

## ReferralGroundedType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Utemeljeno | 1 | 1 |
| Neutemeljeno | 2 | 2 |

## ReferralReasonType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| Bolezen | 1 | 1 | at0.0.4 |
| Poškodba izven dela | 2 | 2 | at0.0.5 |
| Poklicna bolezen | 3 | 3 | at0.0.6 |
| Poškodba pri delu | 4 | 4 | at0.0.7 |
| Poškodba izven dela po tretji osebi | 5 | 5 | at0.0.8 |
| Transplatacija | 6 | 7 | at0.0.9 |

## ReferralStatusType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Izdana | 1 | 1 |
| Vpisana | 2 | 2 |
| Izvedena | 11 | 11 |
| Izkoriščena | 4 | 4 |
| Neizkoriščena | 5 | 5 |
| Preklicana | 6 | 6 |

1. Izdana – there are no appointments or are all appointments are cancelled
2. Vpisana – there is one (ore more) active appointment in the same facility
3. Izvedena – all appointments are completed, but the referral is still valid
4. Izkoriščena – no longer valid, has completed appointments
5. Neizkoriščena – no longer valid, no appointment were completed
6. Preklicana – cancelled

## ReferralValidityType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| Enkratno | 1 | 1 | at0.0.0.65 |
| Za obdobje | 2 | 2 | at0.0.0.66 |
| Trajna | 3 | 3 | at0.0.0.67 |

## RequestedByPatientType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Kasnejši termin na željo pacienta | 1 | 1 |
| Prestavljen termin na željo pacienta | 2 | 2 |
| Prestavljen termin iz razlogov na strani ustanove | 3 | 3 |
| Zgodnejši termin na zahtevo zdravnika ZZZS | 4 | 4 |

## ReservationSourceType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Osebno | 1 | 1 |
| Pisno | 2 | 2 |
| Preko telefona | 3 | 3 |
| Preko elektronske pošte | 4 | 4 |
| eNaročanje | 5 | 5 |
| Spletna stran izvajalca | 6 | 6 |

## ResponseCodeType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| Fiksni termin | 1 | 01 | at0007 |
| Okvirni termin | 2 | 02 | at0008 |
| Ustanova ne pruža uslugu | 3 | 03 |  |
| Nema slobodnih termina | 4 | 04 |  |
| Slobodan prijem | 5 | 05 |  |
| Usluga se pruža u sklopu nadređene usluge | 6 | 06 |  |

## StatisticalRegionCode

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Pomurska regija | 1 | 01 |
| Podravska | 2 | 02 |
| Koroška | 3 | 03 |
| Savinjska | 4 | 04 |
| Zasavska | 5 | 05 |
| Posavska | 6 | 06 |
| Jugovzhodna Slovenja | 7 | 07 |
| Osrednjeslovenska regija | 8 | 08 |
| Gorenjska regija | 9 | 09 |
| Primorsko-notranjska regija | 10 | 10 |
| Goriška regija | 11 | 11 |
| Obalno-kraška regija | 12 | 12 |

## TaskType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| UpdateReferral | 1 | 1 |
| Consultation | 2 | 2 |
| CancelReferral | 3 | 3 |
| UpdateUrgencyCode | 4 | 4 |
| CreateReferral | 5 | 5 |

## TaskTypeCategory

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Request | 1 | 1 |
| Notification | 2 | 2 |

## TaskStatusType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Open | 1 | 1 |
| Closed | 2 | 2 |

## Type code (attachments)



Last version can be found: <https://confluence.marand.si/display/IHAPI/DocumentType>

## UrgencyCodeType

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Xml value** | **Code** | **AtCode** |
| Nujno | 1 | 1 | at0137 |
| Hitro | 2 | 2 | at0.0.44 |
| Redno | 3 | 3 | at0.0.45 |
| Zelo hitro | 4 | 4 | at0.0.62 |

## UrgencyGroundedType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Utemeljeno | 1 | 1 |
| Neutemeljeno | 2 | 2 |

## ErrorCodeType

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Sistemska napaka | 0 | 0 |
| Napaka v komunikaciji | 1 | 1 |
| Napaka v validaciji podatkov | 2 | 2 |
| Napaka v bolnisnicnem sistemu narocanja | 0001 | 0001 |
| Napaka v centralnem sistemu narocanja | 0002 | 0002 |
| Napaka v definiciji sheme XML | 1001 | 1001 |
| Storitev ni na voljo | 1002 | 1002 |
| Komunikacija s IH ni mozna | 1003 | 1003 |
| Uporabnik nima dovoljenja za dejanje. | 0008 | 0008 |
| Obvezno polje ni izpolnjeno | 2001 | 2001 |
| Napaka v formatu podatkov | 2002 | 2002 |
| Napotnicu ni mogoce spreminjati | 2003 | 2003 |
| Ni mozno imeti dveh aktivnih napotnic za isto storitev -- | 2004 | 2004 |
| Ni mozno preklicati napotitev ki je imel sprejem | 2005 | 2005 |
| Napaka pri validaciji medicinskih podatkov | 3 | 3 |
| Omejitev zdravstvene storitve po spolu | 3001 | 3001 |
| Omejitev zdravstvene storitve po diagnozi | 3002 | 3002 |
| Omejitev zdravstvene storitve po starosti | 3003 | 3003 |
| E-narocanje ni mozno za to storitev | 3004 | 3004 |
| E-narocanje ni mozno za to stopnjo nujnosti -- | 3005 | 3005 |
| Storitev ni aktiven | 3006 | 3006 |
| Nepravilni status napotnice | 3007 | 3007 |
| Nepravilni status narocila | 3008 | 3008 |
| Narocilo ni v ista ustanova kot prejsnje narocilo. | 3009 | 3009 |
| E-narocanje ni mozno po prvem izkoriscanju. | 3010 | 3010 |
| eNapotnica nije dozvoljena za navedeni VZS | 3012 | 3012 |
| Realizacije ni mogoče prijaviti, ker je preteklo več kot 30 dni od izteka napotnice. | 3013 | 3103 |
| Napotnica ne obstaja. | 4 | 4 |
| Narocilo ne obstaja. | 7 | 7 |
| Nepodprta verzija | 6 | 6 |
| Napaka pri pošiljanju e-pošte in sms-a | 8 | 8 |

## SuccessStatus

|  |  |  |
| --- | --- | --- |
| **Name** | **Xml value** | **Code** |
| Success | 1 | 1 |
| Fail | 2 | 2 |
| Partial | 3 | 3 |

Partial status can only be applied for CancelAppointments, CreateAppointments and UpdateAppointments when there is the possibility that during the processing some appointments can be processed and some not.

Example: COS receives a CancelAppointments method call with 5 appointments and 2 appointments have some validation errors. In that case COS will regularly process the 3 valid appoinemtns and for the invalid the details will be provided in the Error section of the response.

## ChronicConditionesTypes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **MKB** | **Name** |  |  |
| 1 | I48 | Preddvorna fibrilacija in undulacija |  |  |
| 2 | Z95.2 | Prisotnost umetne srčne zaklopke |  |  |
| 3 | C43 | Maligni melanom kože |  |  |
| 4 | L40 | Psoriaza (luskavica) |  |  |
| 5 | L20 | Atopijski dermatitis |  |  |
| 6 | E10 | Sladkorna bolezen tipa 1 |  |  |
| 7 | E11 | Sladkorna bolezen tipa 2 |  |  |
| 8 | K50 - K51 | Kronična vnetna črevesna bolezen |  |  |
| 9 | C91 | Limfatična levkemija |  |  |
| 10 | C92 | Mieloična levkemija |  |  |
| 11 | D45 | Policitemija rubra vera |  |  |
| 12 | D75.2 | Esencialna trombocitoza |  |  |
| 13 | D55 – D59 | Hemolitične anemije (hemoglobinpatije) |  |  |
| 14 | B20 - B24 | HIV |  |  |
| 15 | B18 | Kronični virusni hepatitis (B, C) |  |  |
| 16 | Z95 | Prisotnost srčnega spodbujevalnika |  |  |
| 17 | I50.0 | Srčno popuščanje |  |  |
| 18 | I42.0 | Dilatativna kardiomiopatija |  |  |
| 19 | N18.3 – N18.5 | Kronična ledvična bolezen (KLB), stopnja 3 - 5 |  |  |
| 20 | Z99.2 | Odvisnost od ledvične dialize |  |  |
| 21 | G35 - G37 | Demielinizacijske bolezni centralnega živčevja |  |  |
| 22 | G40 | Epilepsija |  |  |
| 23 | G70 - G73 | Bolezni živčnomišičnega stika in mišičja |  |  |
| 24 | I69 | Posledice cerebrovaskularne bolezni |  |  |
| 25 | H30 – H36 | Okvare žilnice in mrežnice |  |  |
| 26 | H40 | Glavkom |  |  |
| 27 | H35.3 | Degeneracija makule in zadajšnega pola |  |  |
| 28 |  | Lokalizirano ali razširjeno rakavo obolenje |  |  |
| 29 | F20 – F29 | Shizofrenija, shizotipske in blodnjave motnje |  |  |
|  |  |
| 30 | F32.2 | Ponavljajoča se depresivna motnja, trenutna epizoda je huda, brez psihotičnih simptomov |  |  |
| 31 | F33.3 | Ponavljajoča se depresivna motnja, trenutna epizoda je huda, s psihotičnimi simptomi |  |  |
| 32 | J44.9 | KOPB |  |  |
| 33 | E84 | Cistična fibroza |  |  |
| 34 | J81.1 | Intersticijska pljučna fibroza |  |  |
| 35 | M05 | Seropozitivni revmatoidni artritis |  |  |
| 36 | M06 | Seronegativni revmatoidni artritis |  |  |
| 37 | M45 | Ankilozirajoči spondilitis |  |  |
| 38 | M30 – M36 | Sistemske vezivnotkivne bolezni |  |  |

# ATTACHMENTS

## Common.xsd

<?xml version=**"1.0"** encoding=**"utf-8"**?>

<xs:schema xmlns:xs=**"http://www.w3.org/2001/XMLSchema"**>

<xs:simpleType name=**"AppointmentUnqIdenType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{15,19}"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralUidType"**>

<xs:restriction base=**"xs:string"**>

<xs:length value=**"13"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"NonEmptyString"**>

<xs:restriction base=**"xs:string"**>

<xs:minLength value=**"1"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralActionType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"CountryCodeType"**>

<xs:restriction base=**"xs:string"**>

<xs:length value=**"2"** />

</xs:restriction>

</xs:simpleType>

<xs:complexType name=**"ErrorListType"**>

<xs:sequence>

<xs:element name=**"Error"** type=**"Error"** minOccurs=**"0"** maxOccurs=**"unbounded"** />

</xs:sequence>

</xs:complexType>

<xs:complexType name=**"Error"**>

<xs:sequence>

<xs:element ref=**"Code"** />

<xs:element ref=**"Description"** />

<xs:element minOccurs =**"0"** maxOccurs =**"1"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** nillable=**"true"**/>

</xs:sequence>

</xs:complexType>

<xs:element name=**"Code"** type=**"xs:int"** />

<xs:element name=**"Description"** type=**"xs:string"** />

<xs:simpleType name=**"BPIType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{5}"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"BPIspecificType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{5}([A-Z]){1}"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"MedicalProcedureCodeType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{4}([A-Z]){0,1}"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"PatientUIdType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{13}"** />

<xs:pattern value=**"[a-zA-Z0-9]{16}"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"PatientInsIdType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{9}"** />

<xs:pattern value=**"[a-zA-Z0-9]{16}"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"BookerIdentifierType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[0-9]{5}([0-9]{4})?"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"EmailType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[^@]+@[^\.]+\..+"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralDiagnosisType"**>

<xs:restriction base=**"xs:string"**>

<xs:pattern value=**"[a-tv-zA-TV-Z][0-9][a-zA-Z0-9](\.[a-zA-Z0-9]{1,4}){0,1}"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"UrgencyTypeForAppType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"UrgencyTypeForRefType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ResponseCodeType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"01"**/>

<xs:enumeration value=**"02"**/>

<xs:enumeration value=**"03"**/>

<xs:enumeration value=**"04"**/>

<xs:enumeration value=**"05"**/>

<xs:enumeration value=**"06"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"TaskType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

<xs:enumeration value=**"5"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralValidityType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"MedicallyConditionedType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"RequestedByPatientType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralGroundedType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"AppointmentStatusType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"CONF"**/>

<xs:enumeration value=**"INPR"**/>

<xs:enumeration value=**"DONE"**/>

<xs:enumeration value=**"CANC"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"TaskStatusType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralStatusType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"11"**/>

<xs:enumeration value=**"4"**/>

<xs:enumeration value=**"5"**/>

<xs:enumeration value=**"6"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"PatientGenderType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReferralReasonType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

<xs:enumeration value=**"5"**/>

<xs:enumeration value=**"6"**/>

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"DoctorType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

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<xs:enumeration value=**"3"**/>

<xs:enumeration value=**"4"**/>

</xs:restriction>

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<xs:restriction base=**"xs:string"**>

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<xs:enumeration value=**"3"**/>

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<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

</xs:restriction>

</xs:simpleType>

<xs:complexType name=**"ListOfAppointments"**>

<xs:sequence>

<xs:element minOccurs=**"1"** maxOccurs=**"unbounded"** name=**"AppointmentUniqueIdentifier"** type=**"AppointmentUnqIdenType"** />

</xs:sequence>

</xs:complexType>

<xs:simpleType name=**"ReferralCancellationReasonType"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

<xs:enumeration value=**"2"**/>

<xs:enumeration value=**"3"**/>

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<xs:enumeration value=**"5"**/>

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<xs:enumeration value=**"7"**/>

<xs:enumeration value=**"8"**/>

</xs:restriction>

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<xs:simpleType name=**"PatientEUCardNumberLength"**>

<xs:restriction base=**"xs:string"**>

<xs:length value=**"25"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"PatientDocumentNumberLength"**>

<xs:restriction base=**"xs:string"**>

<xs:length value=**"25"** />

</xs:restriction>

</xs:simpleType>

<xs:simpleType name=**"ReservationSourceTypeCode"**>

<xs:restriction base=**"xs:string"**>

<xs:enumeration value=**"1"**/>

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<xs:enumeration value=**"3"**/>

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<xs:enumeration value=**"5"**/>

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</xs:schema>

## AppointmentCancellationReasonsList.xsd

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## WSDL COS V3

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</wsdl:operation>

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</wsdl:operation>

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</wsdl:operation>

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<wsdl:operation name="GetFreeSlotForProcedureCOS">

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</wsdl:operation>

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</wsdl:operation>

<wsdl:operation name="BookReservationCOS">

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</wsdl:operation>

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</wsdl:operation>

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<wsdl:binding name="CosWebServicePublicV3Soap12" type="tns:CosWebServicePublicV3Soap">

<soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />

<wsdl:operation name="RegisterConcessioner">

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<wsdl:operation name="RegisterProceduresForConcessioner">

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<wsdl:operation name="GetFreeSlotForProcedureCOS">

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<wsdl:operation name="GetReferralList">

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<wsdl:operation name="GetReferralPdf">

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<wsdl:operation name="GetNewReferralId">

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<wsdl:operation name="SubmitReferral">

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<wsdl:operation name="CreateAdmission">

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<wsdl:operation name="DeleteReferralAttachment">

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</wsdl:operation>

<wsdl:operation name="GetAppointmentsForPatient">

<soap12:operation soapAction="http://IN2.Ordering.org/GetAppointmentsForPatient" style="document" />

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<soap12:body use="literal" />

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</wsdl:operation>

<wsdl:operation name="GetPrereservationForProcedureCOS">

<soap12:operation soapAction="http://IN2.Ordering.org/GetPrereservationForProcedureCOS" style="document" />

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<soap12:body use="literal" />

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</wsdl:operation>

<wsdl:operation name="BookReservationCOS">

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</wsdl:operation>

<wsdl:operation name="CancelReservationCOS">

<soap12:operation soapAction="http://IN2.Ordering.org/CancelReservationCOS" style="document" />

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<wsdl:operation name="CreateTask">

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<wsdl:operation name="CloseTask">

<soap12:operation soapAction="http://IN2.Ordering.org/CloseTask" style="document" />

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</wsdl:input>

<wsdl:output>

<soap12:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetTasksList">

<soap12:operation soapAction="http://IN2.Ordering.org/GetTasksList" style="document" />

<wsdl:input>

<soap12:body use="literal" />

<soap12:header message="tns:GetTasksListSecurityToken" part="SecurityToken" use="literal" />

</wsdl:input>

<wsdl:output>

<soap12:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="UpdateUrgencyTypeCode">

<soap12:operation soapAction="http://IN2.Ordering.org/UpdateUrgencyTypeCode" style="document" />

<wsdl:input>

<soap12:body use="literal" />

<soap12:header message="tns:UpdateUrgencyTypeCodeSecurityToken" part="SecurityToken" use="literal" />

</wsdl:input>

<wsdl:output>

<soap12:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="UpdatePatientContact">

<soap12:operation soapAction="http://IN2.Ordering.org/UpdatePatientContact" style="document" />

<wsdl:input>

<soap12:body use="literal" />

<soap12:header message="tns:UpdatePatientContactSecurityToken" part="SecurityToken" use="literal" />

</wsdl:input>

<wsdl:output>

<soap12:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="UpdateReferralValidity">

<soap12:operation soapAction="http://IN2.Ordering.org/UpdateReferralValidity" style="document" />

<wsdl:input>

<soap12:body use="literal" />

<soap12:header message="tns:UpdateReferralValiditySecurityToken" part="SecurityToken" use="literal" />

</wsdl:input>

<wsdl:output>

<soap12:body use="literal" />

</wsdl:output>

</wsdl:operation>

</wsdl:binding>

<wsdl:service name="CosWebServicePublicV3">

<wsdl:port name="CosWebServicePublicV3Soap" binding="tns:CosWebServicePublicV3Soap">

<soap:address location="http://localhost/IN2.Ordering.CentralService\_V3/CosWebServicePublicV3.asmx" />

</wsdl:port>

<wsdl:port name="CosWebServicePublicV3Soap12" binding="tns:CosWebServicePublicV3Soap12">

<soap12:address location="http://localhost/IN2.Ordering.CentralService\_V3/CosWebServicePublicV3.asmx" />

</wsdl:port>

</wsdl:service>

</wsdl:definitions>