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# Periopt to IRIS Interface Control Document

When calling any of the APIs, the following HTTP Headers must be sent:

HTTP\_SECID – The SECID returned when the user logs onto the VA IAM User Authentication system.

HTTP\_APPKEY – This is an encrypted key composed of an encrypted random 16 character code+the users secid+user’s VA email+current date/time in UTC format.

HTTP\_AVCODE – The user’s encrypted VistA access/verify code

HTTP\_APPNAME – Set to Peri. Sent unencrypted.

HTTP\_NAMESPACE – the name of the IRIS namespace that houses the VistA database. This may be different for each site using the Periopt app.

The Content-Type HTTP header is set to “application/json”

# Surgery APIs

## Get List of Clinics:

Method: GET

URL: https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/clinics

Where https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/ is the base URL, clinics is the API.

Periopt AWS test system URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/clinics

Returns a JSON message with the clinic data. Each row in the JSON message is:

Clinic Name: ClinicID^Appointment duration^Clinic open time

(\*NOTE: All non-surgery scheduling actions require the ClinicID to complete the action. Queries to get clinic available will need the ClinicID from the query.)

Returns:

{

"5TH FLOOR": "56^15^8",

"7TH FLOOR": "57^15^8",

"CARDIOLOGY": "195^30^8",

"COMP AND PEN": "137^15^8",

"CWT CLINIC": "246^60^8",

"DENTAL 1": "228^60^8",

"DENTAL HYGIENIST 1": "436^60^8",

"DIABETIC": "285^30^8",

"DIABETIC TELERET READER LOCAL": "191^30^8",

"DIABETIC TELERET READER REMOTE": "193^30^8",

"DIABETIC TELERETINAL IMAGER": "190^15^8",

"EMERGENCY ROOM": "426^15^7",

"EMPLOYEE HEALTH": "133^30^8",

"HEMATOLOGY": "229^30^7",

"PLASTIC SURGERY": "127^15^8",

"PODIATRY": "233^30^8",

"TEST 45": "427^15^7",

"ZZTEST TEST": "434^15^8",

"ZZTEST TMP": "431^60^8",

"ZZTEST TMP2": "432^60^8",

"ZZTEST TMP3": "433^60^8"

}

## Get a User’s Sign On Divisions

This API returns a user’s sign on divisions. This API is used if the process requires the user to sign into a specific division. It uses the user’s secid as it is provided in the encrypted headers to lookup the sign on divisions.

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/userdivisions>

Method: GET

Returns:

[

    {

        "IEN": "500",

        "Name": "CAMP MASTER"

    },

    {

        "IEN": "17417",

        "Name": "SIDNEY"

    },

    {

        "IEN": "17418",

        "Name": "ALBANY, NY (CBOC)"

    },

    {

        "IEN": "21791",

        "Name": "500BA"

    }

]

## Get Clinic Availability:

Method: GET

URL:  [https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopti/getAvailability/23/2022-09-18T00:01-0500/2022-09-19](%20https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopti/getAvailability/23/2022-09-18T00:01-0500/2022-09-19)T23:29-0500

Where https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/ is the base URL, getAvailability is the API, 23 is the clinic id, the first date is the start date and the second date is the end date for the query. Date format is in ISO8601 format CCYY-MM-DDTHH:MM-OFFSET.

Periopt AWS test system URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/clinics/23/2022-09-18T00:01-0500/20220919>T23:59-0500

Returns:

{

"ClinAvail": [{

"BeginTime": "0800",

"Date": "2022-09-18",

"EndTime": "0815",

"SlotsAvail": 1

}, {

"BeginTime": "0815",

"Date": "2022-09-18",

"EndTime": "0830",

"SlotsAvail": 1

}, {

"BeginTime": "0830",

"Date": "2022-09-18",

"EndTime": "0845",

"SlotsAvail": 1

}, {

"BeginTime": "0845",

"Date": "2022-09-18",

"EndTime": "0900",

"SlotsAvail": 1

}

]

}

## Query to get the list of a patient’s appointment requests and return to clinic orders.

Method: GET

URL:  [https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/appoint](%20https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/appoint)ments/request/8

Where https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopti/ is the base URL, appointments/request is the API and 8 is the patient ICN. The return below shows two different RTC orders or appointment requests.

Periopt AWS test system URL:

<http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/appointments/requests/8>

Returns:

{

"ApptReq": [{

"ApptClerkE": "",

"ApptClerkI": "",

"ApptReqIEN": 153270,

"CanEditPid": 0,

"CidPreferredDateOfApptI": 20220920,

"CommentsE": "TESTING RTC",

"CountOfRTCs": 0,

"CreateDateI": 20220908,

"DateApptMadeE": "",

"DateDispositionedE": "",

"DateOfLastLetterSent": "",

"DateTimeEnteredE": "SEP 08, 2022@14:29",

"DispositionedByE": "",

"DispositionedByI": "",

"EnrollmentPriorityE": "",

"InstitutionE": "CAMP MASTER",

"InstitutionI": 500,

"MRTCCalcPrefDates": [{

"Date": "SEP 20, 2022"

}],

"MultApptNumberE": 3,

"MultApptRtcIntervalE": 3,

"MultiAppointmentsI": "",

"MultiApptRequestsChildI": "",

"MultipleAppointmentRtcE": "YES",

"NumberOfCalls": "",

"NumberOfEmailContact": "",

"NumberOfSecureMessage": "",

"NumberOfTextContact": "",

"OriginatingUserE": "PROGRAMMER,ONE",

"OriginatingUserI": 1,

"ParentRequestI": "",

"PatientContact": "",

"PatientIEN": 8,

"PatientStatusE": "NEW",

"PriorityI": "F",

"ProviderE": "PROVIDER,THIRTY",

"ProviderI": 1057,

"ReqAppointmentTypeI": 9,

"ReqServiceSpecialtyE": "",

"ReqServiceSpecialtyI": "",

"ReqSpecificClinicE": "DENTAL",

"ReqSpecificClinicI": 228,

"RequestTypeI": "APPT",

"RequestedByI": 1,

"ScheduledDateOfApptI": "",

"ServiceConnectedPriorityE": "NO"

}]

}

## Consult List:

Method: GET

URL:  [https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/consults/patient/8](%20https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/consults/patient/8)

Where https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/ is the base URL, getPatientConsultst is the API and 8 is the patient ICN.

Periopt AWS test system URL:

http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/patient/8

Results:

{

"Consult": [{

"AssociateStopCode": "",

"CanEditPid": 0,

"ClinicIEN": 32,

"ClinicIndicatedDate": 20230324,

"ClinicName": "PRIMARY CARE",

"ConsultIEN": 618,

"CovidPriority": "",

"DateOfLastLetter": "",

"DateOfRequest": 20230110.092821,

"FileEntryDate": 20230110.0928,

"NumberOfEmailContact": "",

"NumberOfPhoneContact": "",

"NumberOfSecureMessage": "",

"NumberOfTextContact": "",

"ProhibitedClinicFlag": 0,

"ProviderIEN": 1,

"ProviderName": "PROGRAMMER,ONE",

"RequestType": "Consult",

"ServiceRenderedAs": "outpatient",

"ToService": "RADIOLOGY LOW\/VASC STUDY",

"UrgencyOrEarliestDate": "GMRCURGENCY - ROUTINE"

}, {

"AssociateStopCode": 143,

"CanEditPid": 0,

"ClinicIEN": 426,

"ClinicIndicatedDate": 20221126,

"ClinicName": "EMERGENCY ROOM",

"ConsultIEN": 629,

"CovidPriority": "",

"DateOfLastLetter": "",

"DateOfRequest": 20221126.111609,

"FileEntryDate": 20221126.1116,

"NumberOfEmailContact": "",

"NumberOfPhoneContact": "",

"NumberOfSecureMessage": "",

"NumberOfTextContact": "",

"ProhibitedClinicFlag": 0,

"ProviderIEN": 1,

"ProviderName": "PROGRAMMER,ONE",

"RequestType": "Consult",

"ServiceRenderedAs": "outpatient",

"ToService": "CARDIOLOGY",

"UrgencyOrEarliestDate": "GMRCURGENCY - ROUTINE"

}, {

"AssociateStopCode": "",

"CanEditPid": 0,

"ClinicIEN": 285,

"ClinicIndicatedDate": 20220308,

"ClinicName": "DIABETIC",

"ConsultIEN": 650,

"CovidPriority": "",

"DateOfLastLetter": "",

"DateOfRequest": 20220308.085239,

"FileEntryDate": 20220308.0852,

"NumberOfEmailContact": "",

"NumberOfPhoneContact": "",

"NumberOfSecureMessage": "",

"NumberOfTextContact": "",

"ProhibitedClinicFlag": 0,

"ProviderIEN": 1057,

"ProviderName": "PROVIDER,THIRTY",

"RequestType": "Consult",

"ServiceRenderedAs": "outpatient",

"ToService": "DIABETIC EYE EXAM COMMUNITY CARE HCPS CONSULT",

"UrgencyOrEarliestDate": "GMRCURGENCY - ROUTINE"

}]

}

## To get the consult details for a specific consult:

Method: GET

URL: <https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/consults/details/618>

Where https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/ is the base URL, getConsultDetails is the API and 618 is the consult ID

Periopt AWS test system URL:

http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/details/667

Sample return data:  In the data, the pipe character (“|”) is a line break

{

"PatientICN": "9666000010",

"ProviderSecid": "105710571057",

"Data": "|CLINICAL PROCEDURE: |FROM: 7A GEN MED|DATE OF REQUEST: MAY 22, 2020@15:46:12|PROCEDURE/REQUEST TYPE: |URGENCY: GMRCURGENCY - ROUTINE|PLACE OF CONSULTATION: GMRCPLACE - ON CALL|ATTENTION: |CPRS STATUS: COMPLETE|LAST ACTION TAKEN: ADDED COMMENT|SENDING PROVIDER: PROVIDER,THIRTY|RESULT: |MODE OF ENTRY: |REQUEST TYPE: Consult|SERVICE RENDERED AS IN OR OUT: inpatient|SIGNIFICANT FINDINGS: |TIU RESULT NARRATIVE: SURGERY NOTES|EARLIEST DATE: MAY 22, 2020|PROVISIONAL DIAGNOSIS: |PROVISIONAL DIAGNOSIS CODE: |PROVISIONAL DIAGNOSIS DATE: |PROVISIONAL DIAGNOSIS SYSTEM: |ADMINISTRATIVE: |UNIQUE CONSULT ID : 500\_667|DIVISION ID OF ENTERING PERSON: 500|DECISION SUPPORT TOOL ID: |REASON FOR REQUEST: |Please examine for an annual diabetic eye exam."

}

## Filing notes from Periopt to VistA

Method: POST

URL: https://vhalebappperiov.v04.med.va.gov /csp/vista/rest/switchlane/periopt/patients/notes

Where https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopti/ is the base URL, patients/notes is the API and 8 is the patient ICN.

Periopt AWS test system URL:

http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patients/notes

{

    "Patient": "5000000329V237824",

    "NoteTitle": "SURGERY NOTES",

    "VisitDateTime": "202309060830-0500",

    "VisitLocation": "",

    "VisitId": "",

    "ConsultId": "958",

    "AuthorId": "105710571057",

    "Ecode": "",

    "NoteText": [{"NoteTextLine": "SURGEON: Cynthia Eakin, Clinical Informatics Specialist"},

        {"NoteTextLine": ""},

        {"NoteTextLine": "ASSISTANT: Heather Knorr, RN, Clinical Informatics Specialist"},

        {"NoteTextLine": ""},

        {"NoteTextLine": "PREOPERATIVE DIAGNOSIS: Hernia"},

        {"NoteTextLine": "POSTOPERATIVE DIAGNOSIS: Left inguinal hernia"},

        {"NoteTextLine": ""},

        {"NoteTextLine": "PROCEDURE PERFORMED: Reduction and repair of the indirect left inguinal hernia"},

        {"NoteTextLine": "with mesh and plug."},

        {"NoteTextLine": ""},

        {"NoteTextLine": "ANESTHESIA-MEDICATIONS: General plus local 1 percent lidocaine and 0.5 percent Marcaine 1:1"},

        {"NoteTextLine": "ratio, total of 9 mL."},

        {"NoteTextLine": ""},

        {"NoteTextLine": "ESTIMATED BLOOD LOSS: 5 mL"},

        {"NoteTextLine": ""},

        {"NoteTextLine": "COMPLICATIONS: None"},

        {"NoteTextLine": ""},

        {"NoteTextLine": "INDICATIONS FOR SURGERY: Patient is a 57-year-old who presented with a"},

        {"NoteTextLine": "symptomatic left inguinal hernia.  Patient is here for elective procedure."},

        {"NoteTextLine": ""},

        {"NoteTextLine": "DESCRIPTION OF OPERATIVE PROCEDURE-SUMMARY: The patient was evaluated. The"},

        {"NoteTextLine": "patient was evaluated.  Surgical site was marked by me in the SU.  Upon"},

        {"NoteTextLine": "arrival in the operating room the patient was in the supine position."},

        {"NoteTextLine": "Time out was called. The patient and the procedure were confirmed.  Patient's"},

        {"NoteTextLine": "left groin was prepped and draped in the standard surgical fashion. The skin"},

        {"NoteTextLine": "was then anesthetized with local anesthesia.  A 6 cm horizontal incision was"},

        {"NoteTextLine": "made and the subcutaneous tissue was then dissected to external oblique which"},

        {"NoteTextLine": "was opened.  Patient was found to have indirect inguinal hernia with"},

        {"NoteTextLine": "herniation of cord lipoma down to superior scrotum and the lipoma was then"},

        {"NoteTextLine": "dissected free down to the internal ring and was then reduced back to the"},

        {"NoteTextLine": "abdominal cavity.  The patient had a large defect at the internal"},

        {"NoteTextLine": "ring level and the remaining inguinal floor was relatively solid. Extra"},

        {"NoteTextLine": "large plug was inserted in the internal ring defect and was secured to the"},

        {"NoteTextLine": "adjacent structure with interrupted 0 Ethibond sutures.  Overlay mesh was"},

        {"NoteTextLine": "placed and was secured to pubic symphysis with 2-0 Prolene suture and in"},

        {"NoteTextLine": "the running fashion superior to conjoined tendon, inferior to inguinal ligament"},

        {"NoteTextLine": "and connected with two leaflets of the overlay mesh lateral to the internal"},

        {"NoteTextLine": "ring. Artificial internal ring was then created with closure of the slit"},

        {"NoteTextLine": "opening overlay mesh.  Care was taken to make sure that the internal ring was"},

        {"NoteTextLine": "snug enough, but was not tight. Hemostasis was obtained.  Both inguinal nerves"},

        {"NoteTextLine": "were preserved and put back in the natural position.  The wound was then"},

        {"NoteTextLine": "irrigated with normal saline and the external oblique was then closed with"},

        {"NoteTextLine": "2-0 Vicryl running suture.  Scarpa's fascia was then closed with 3-0 Vicryl"},

        {"NoteTextLine": "running suture.  The skin was closed with subcuticular 4-0 Monocryl suture."},

        {"NoteTextLine": "The patient tolerated the procedure well."},

        {"NoteTextLine": ""},

        {"NoteTextLine": "No complications were encountered.  The patient was then extubated and sent to"},

        {"NoteTextLine": "Recovery Room in stable condition.}"

    }]

}

JSON Data Elements:

Patient – Patient’s ICN

NoteTitle – The title of the note as it is stored in VistA.

VisitDateTime – Date and time of the visit, format yyyymmddhhmmss-timezone offset

ConsultId – the Consult ID from the VistA file system

AuthorId – the SECID for the author of the note. The author must have a VistA account on the system where the note is filed and the author must have an electronic signature code in VistA

NoteText – each line of the note text is sent on a separate NoteTextLine and should be formatted as it should be displayed. The length of each line should be limited to 100 characters or less. Control characters should not be embedded in the text.

Returns a JSON string containing the record number of the note in the VistA TIU Document file. This number will be returned when filing amendments to the note. This number is needed to link the amendment to the note.

Example return message:

{

    "ResponseMessage": "Note successfully filed in VistA",

    "NoteIen": "8459"

}

## Filing/Scheduling a Surgery Case in VistA

This API will create a new surgery case in the VistA Surgery File (#130).

Method: POST

URL: https://vhalebappperiov.v04.med.va.gov/csp/vista/rest/switchlane/periopt/appointments/surgery/appt:

Periopt AWS test system URL:

http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/appointments/surgery/appt

{

"Action":"1",

"CaseNumber":"",

"MessageId":"",

"ControlId":"",

"Patient":"50001842V715307",

"DateOfOperation":"20240607",

"PrimarySurgeon":"105710571057",

"AttendingSurgeon":"105710571057",

"SurgicalSpecialty":"12",

"PrincipalOperativeProcedure":"Ingenuial Hernia Repair",

"PrincipalPreOperativeDiagnosis":"Hernia Surgery",

"LateralityOfProcedure":"2",

"PlannedAdmissionStatus":"I",

"PlannedPrincipalProcedureCode":"29848",

"ICD10Code":"K40.00",

"HospitalAdmissionStatus":"I",

"MajorOrMinor":"J",

"CaseScheduleType":"EL",

"Palliation":"Y",

"PlannedPostOpCare":"PACU for 4 hrs",

"RequestAnesthesiaTechnique":"S",

"intraoperativeXRays":"Y",

"ReferringPhysician":"provider,one",

"ConsultId":"692",

"Scheduler":"105710571057",,

"EstimatedDurationOfProcedure": "60",

"OtherProcedures" : [{

    "OtherProcedure":"Liposuction" ,

    "PlannedOtherProcCPTCode":"15772",

    "ProcedureCodeComments":"calling new method to parse lines.|Adding the first other procedure.|This is the second line of the coments. This is testing the comments parsing into lines and filing."},

    {

        "OtherProcedure":"colonoscopy",

        "PlannedOtherProcCPTCode":"44389",

        "ProcedureCodeComments":"Adding a second other procedure."

    }],

    "OtherPreOpDiagnosis" : [{

        "OtherPreOpDiagnosis" :"1st other pre op diagnosis",

        "DiagnosisComments" :" this is test other pre op diagnosis."},

    {

        "OtherPreOpDiagnosis" :"2nd other pre op diagnosis",

        "DiagnosisComments" :" this is test other pre op diagnosis.|line 2 of the other pre op diagnosis.|Line 3 of the other pre op diagnosis."

    }]

}

Note: Patient is the patients ICN, Scheduler is the SECID of the person scheduling this surgery case. The Action property can be:

1 for Create

2 for Update

3 for Delete or Cancel

4 for Change Date of Surgery

5 for adding an additional surgery case for a patient

The OtherProcedures and OtherPreOpDiagnosis objects have the property of ProcedureCodeComments and DiagnosisComments respectively. These properties are unlimited strings. The string sent in either of these properties will file in the format sent. If the data is to be broken down into separate lines, then use the pipe character (|) to indicate a line break. This data is filed as a word processing field in VistA. Do not send formatting characters such as indents, tabs, bullet points etc as they will not file and could cause a failure to file. And do not include the colon, semi colon, forward or backward slash in the text. Again this could cause filing and formatting issues on VistA.

If the case is to be updated, canceled or deleted, the CaseNumber must be populated with the case number.

All the same data in the original message should be sent regardless of the action requested.

Returns a JSON message with the surgery case number. This the record number of the case in the VistA Surgery File (#130). This value will need to be return with any updates or changes to the surgery case.

Example return message:

{

    "StatusCode": "0",

    "ResponseMessage": "Surgery Case 10114 Date of Operation Shas been updated",

    "SurgeryCaseNumber": "10114"

## Edit or update an existing surgery case

This API is used to edit or update and existing surgery case. If a property or object is populated in the JSON message, it will update that data in the VistA Surgery File. Only send the properties that are to be updated.

Method: PATCH

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/notes>

{

    "SurgeryCase": "10396",

    "PrincipalProcedure": "Ingenuial Hernia Repair",

    "PlannedPrinProcedureCode": "",

    "OtherProcedures": [

        {

            "OtherProcedure": "REPAIR OF DIAPHRAGM HERNIA",

            "PlannedOtherProcCPTCode": "39503;39540;39541",

            "ProcedureCodeComments": "1 please complete at the same time"

        },

        {

            "OtherProcedure": "LAP PARAESOPHAG HERN REPAIR",

            "PlannedOtherProcCPTCode": "43281;43281",

            "ProcedureCodeComments": "2 please complete at the same time"

        }

    ],

    "PrincipalPre-OpDiagnosis": "",

    "PrinPre-OpICDDiagnosisCode": "",

    "OtherPreOPDiagnosises": [

        {

            "OtherPreOpDiagnosis": "Congenital diaphragmatic hernia",

            "PairedOrgan": "U",

            "ICDDiagCode": "Q79.0",

            "DiagnosisComments": "congenital diaphragmatic hernia.|this is the second line. | This is the third line testing the code to parse lines."

        }

    ],

    "HospitalAdmissionStatus": "",

    "PreAdmissionTesting": "",

    "CaseScheduleType": "",

    "SurgerySpecialty": "",

    "PrimarySurgeon": "",

    "FirstAsst": "",

    "SecondAsst": "",

    "AttendingSurgeon": "",

    "PlannedPostOpCare": "6",

    "CaseScheduleOrder": "",

    "ReqAnesthesiaTechnique": "",

    "ReqFrozSect": "",

    "ReqPreOpXRay": "",

    "InteroperativeXRays": "",

    "RequestBloodAvailability": "",

    "CrossMatchScreenAutologouse": "",

    "ReqBloodKind": [

        {

            "ReqBloodKind": "",

            "ScreenCrossMatchAutologous": "",

            "Units": "",

            "ReasonNotToUseSTD": ""

        }

    ],

    "SpecialEquipment": [

        {

            "SpecialEquipmentIEN": "",

            "SpecialEquipmentName": ""

        }

    ],

    "PlannedImPlants": [

        {

            "Number": "1",

            "PlannedImplant": "Bone Putty"

        }

    ],

    "SpecialSupplies": [

        {

            "Number": "1",

            "SpecialSupply": "test supply"

        }

    ],

    "SpecialInstruments": [

        {

            "Number": "1",

            "SpecialInstrument": "Philips Screw Driver"

        }

    ],

    "PharmacyItems": [

        {

            "Number": "1",

            "PharmacyItem": "Aspirin 81mg"

        }

    ],

    "ReqPhoto": "",

    "PreOperativeInfection": "",

    "PrincAnesthetist": "",

    "AnesthesiologistSupvr": "",

    "BriefClinHistory": "",

    "GeneralComments": "",

    "EstimatedDurationOfProcedure": "60"

}

## Get a list of patients

At the end of the url, put the first three or four letters of the patient last name and it will return all patients whose last name starts with those letters. In this case, I asked for any patients whose last name starts with TEN.

Method: GET

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patients?patient=TEN

RETURNS:

{

    "NumberOfPatients": 4,

    "PatientList": [

        {

            "dfn": "8",

            "name": "TEN,PATIENT",

            "icn": "9666000010V138314"

        },

        {

            "dfn": "100617",

            "name": "TEN,OUTPATIENT",

            "icn": "5000000118V544653"

        },

        {

            "dfn": "100718",

            "name": "TEN,INPATIENT",

            "icn": "5000000219V041062"

        },

        {

            "dfn": "100818",

            "name": "TEN,IMAGEPATIENT",

            "icn": "5000000319V620283"

        }

    ]

}

## Get a list of providers

At the end of the url, put the first three or four letters of the prov last name and it will return all providers whose last name starts with those letters. In this case, I asked for any providers whose last name starts with prov

Method: GET

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/providers/prov>

RETURNS: (empid is the providers IEN from the VistA New Person file)

{

    "NumberOfProviders": 97,

    "ProviderList": [

        {

            "empid": "983",

            "name": "PROVIDER,ONE"

        },

        {

            "empid": "987",

            "name": "PROVIDER,FOUR"

        },

        {

            "empid": "988",

            "name": "PROVIDER,FIVE"

        },

        {

            "empid": "11663",

            "name": "PROVIDER,FIVEHUNDREDELEVEN"

        },

        {

            "empid": "10000000060",

            "name": "PROVIDER,ONEHUNDREDFORTYSEVEN"

        }

    ]

}

## To get a list of CPT Codes:

This API returns the CPT Codes and Text Description from VistA systems.

Method: GET

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/cpt

Returns:

{

"NumberOfCodes": "25837",

"Codes": [{

"CPTCode": "100",

"CPTCodeText": "ANESTH SALIVARY GLAND"

},

{

"CPTCode": "102",

"CPTCodeText": "ANESTH REPAIR OF CLEFT LIP"

},

{

"CPTCode": "103",

"CPTCodeText": "ANESTH BLEPHAROPLASTY"

},

{

"CPTCode": "104",

"CPTCodeText": "ANESTH ELECTROSHOCK"

}

]

}

## Get All Active and Pending Consults

This API returns all the consults for a VistA site that have a status of Active or Pending.

Method: GET

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/all>

Returns:

Note the consultData property has the full free text details. Use the pipe ‘|’ character as a line break to parse each line of text.

{

    "Consult": [

        {

            "consultId": "669",

            "patientName": "TEN,PATIENT",

            "patientICN": "9666000010V138314",

            "patientID": "T0010",

            "requestType": **null**,

            "originalConsultDate": "JUN 22, 2023@14:59",

            "toService": "SURGERY",

            "clinicIEN": "158",

            "clinicName": "7A GEN MED",

            "dateOfRequest": "JUN 22, 2023@14:59",

            "urgencyOrErarliestDate": "JUN 22, 2023",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": **null**,

            "providerSecid": "8187116445",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "JUN 22, 2023",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: Within 2 weeks|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:    Mar 10,2023|Preoperative diagnosis:  Right inguinal hernia|Procedure indicated:    right inguinal hernia repair|Procedure CPT code:    49505|Laterality:     Right|Estimated length of case (room time): 60|Palliative Procedure and/or under Palliative Care:   No| |Patient admission status:  ASU|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:  Anesthesia Choice| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        Yes|Bard Mess Plug| |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op hart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  No|   If NO, identify Surgical Patient Risk: Low| |Is patient available to arrive at 0630 for surgery if needed?|NO| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     YES|  If NO, please consult Social Work.| |Does the patient have transportation?  DRIVER|  If NO, please consult Social Work.| | |Patient's Allergies:|   OXYCODONE, ATROPINE, WELLBUTRIN, CLINDAMYCIN, VANCOMYCIN|ASPIRIN RELATED MEDICATIONS, ZANTAC, ASPIRIN, GRASS, NUTS, GRAPES,|TOMATOES|CIPROFLOXACIN, WATERMELONS, LOSARTAN, IODINATED INTRAVASC CONTRAST,|PENICILLIN|OXYCONTIN, TREE POLLEN, AMLODIPINE, IBUPROFEN, TORADOL, BENZTROPINE,|PEANUTS|AMOXICILLIN, DOGS, LISINOPRIL, FLAGYL, METOPROLOL| |Medication Instructions:|Hold Aspirin/Aspirin products:  7 days|Hold Anti-inflammatories:  N/A| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:|    Take insulin  evening prior to surgery.| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:| |MRSA information used for scheduling:|MRSA PRF NOTE|No data available for: PATIENT RECORD FLAG CATEGORY II - MRSA AND/OR VRE|PATIENT RECORD FLAG CATEGORY II - MULTI DRUG RESISTANT ORG"

        },

        {

            "consultId": "670",

            "patientName": "ALPHATEST,NEW ONE",

            "patientICN": "5000000340V123809",

            "patientID": "A0010",

            "requestType": **null**,

            "originalConsultDate": "AUG 25, 2023@17:58",

            "toService": "SURGERY",

            "clinicIEN": "298",

            "clinicName": "GENERAL SURGERY",

            "dateOfRequest": "AUG 25, 2023@17:58",

            "urgencyOrErarliestDate": "AUG 25, 2023",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": **null**,

            "providerSecid": "8187116445",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "AUG 25, 2023",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Aug 29,2023@08:00|Preoperative diagnosis:         Right inguinal hernia|Procedure indicated:            Right inguinal hernia repair|Procedure CPT code:             49505|Laterality:             Left|Estimated length of case (room time): 60|Palliative Procedure and/or under Palliative Care:   No| |Patient admission status:       OutPatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                KNOCK EM OUT| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        Yes|Bard Mess Plug| |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  Yes|   If NO, identify Surgical Patient Risk:| |Is patient available to arrive at 0630 for surgery if needed?|Yes| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     Yes|  If NO, please consult Social Work.| |Does the patient have transportation?  Has Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   No Allergy Assessment| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:No| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:                                      No|Bilateral joint replacement:                    No|Previous history venous thromboembolism:        No|Malignancy:                                     No"

        }

    ]

}

## Procedure List

This API returns a list of procedures available on VistA based on search criteria.

Method: GET

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/procedures/BIOP

In this URL, BIOP is the search characters and returns a list of all procedures containing this sequence of letters.

Returns:

{

    "00B00ZX": {

        "EXT": "Excision of Brain, Open Approach, Diagnostic",

        "INT": 500505

    },

    "00B03ZX": {

        "EXT": "Excision of Brain, Percutaneous Approach, Diagnostic",

        "INT": 500507

    },

    "00B04ZX": {

        "EXT": "Excision of Brain, Percutaneous Endoscopic Approach, Diagnostic",

        "INT": 500509

    },

    "00B10ZX": {

        "EXT": "Excision of Cerebral Meninges, Open Approach, Diagnostic",

        "INT": 500511

    },

    "00B13ZX": {

        "EXT": "Excision of Cerebral Meninges, Percutaneous Approach, Diagnostic",

        "INT": 500513

    }

}

## Get All Surgery Cases by Date Range

This API returns a list of surgery cases by date range.

Method: GET

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/cases?start=20230928&?end=20230930&?patientICN=9666000601

The parameters start and end are dates in the yyyymmdd format. The parameter, patientICN is the patient’s ICN. The parameter names are case sensitive and must be in lower case.

Returns:

{

    "SurgeryCase": [

        {

            "DateOfOperation": "SEP 29, 2023",

            "SurgicalSpecialty": "GENERAL(OR WHEN NOT DEFINED BELOW)",

            "PrincipalOperativeProcedure": "1",

            "PrincipalPreOperativeDiagnosis": "53.42",

            "PlannedPrincipalProcedureCode": "49515",

            "HospitalAdmissionStatus": "OUTPATIENT",

            "MajorOrMinor": "MAJOR",

            "CaseScheduleType": "URGENT",

            "CaseNumber": "10116",

            "PatientName": "TEN,PATIENT",

            "PatientICN": "9666000010V138314"

        },

        {

            "DateOfOperation": "SEP 29, 2023",

            "SurgicalSpecialty": "GENERAL(OR WHEN NOT DEFINED BELOW)",

            "PrincipalOperativeProcedure": "1",

            "PrincipalPreOperativeDiagnosis": "53.42",

            "PlannedPrincipalProcedureCode": "49515",

            "HospitalAdmissionStatus": "OUTPATIENT",

            "MajorOrMinor": "MAJOR",

            "CaseScheduleType": "URGENT",

            "CaseNumber": "10117",

            "PatientName": "TEN,PATIENT",

            "PatientICN": "9666000010V138314"

        },

        {

            "DateOfOperation": "SEP 29, 2023",

            "SurgicalSpecialty": "GENERAL(OR WHEN NOT DEFINED BELOW)",

            "PrincipalOperativeProcedure": "1",

            "PrincipalPreOperativeDiagnosis": "53.42",

            "PlannedPrincipalProcedureCode": "49515",

            "HospitalAdmissionStatus": "OUTPATIENT",

            "MajorOrMinor": "MAJOR",

            "CaseScheduleType": "URGENT",

            "CaseNumber": "10118",

            "PatientName": "TEN,PATIENT",

            "PatientICN": "9666000010V138314"

        },

        {

            "DateOfOperation": "SEP 29, 2023",

            "SurgicalSpecialty": "GENERAL(OR WHEN NOT DEFINED BELOW)",

            "PrincipalOperativeProcedure": "1",

            "PrincipalPreOperativeDiagnosis": "53.42",

            "PlannedPrincipalProcedureCode": "49515",

            "HospitalAdmissionStatus": "OUTPATIENT",

            "MajorOrMinor": "MAJOR",

            "CaseScheduleType": "URGENT",

            "CaseNumber": "10119",

            "PatientName": "TEN,PATIENT",

            "PatientICN": "9666000010V138314"

        },

        {

            "DateOfOperation": "SEP 29, 2023",

            "SurgicalSpecialty": "GENERAL(OR WHEN NOT DEFINED BELOW)",

            "PrincipalOperativeProcedure": "1",

            "PrincipalPreOperativeDiagnosis": "53.42",

            "PlannedPrincipalProcedureCode": "49515",

            "HospitalAdmissionStatus": "OUTPATIENT",

            "MajorOrMinor": "MAJOR",

            "CaseScheduleType": "URGENT",

            "CaseNumber": "10120",

            "PatientName": "TEN,PATIENT",

            "PatientICN": "9666000010V138314"

        },

        {

            "DateOfOperation": "SEP 29, 2023",

            "SurgicalSpecialty": "GENERAL(OR WHEN NOT DEFINED BELOW)",

            "PrincipalOperativeProcedure": "1",

            "PrincipalPreOperativeDiagnosis": "53.42",

            "PlannedPrincipalProcedureCode": "49515",

            "HospitalAdmissionStatus": "OUTPATIENT",

            "MajorOrMinor": "MAJOR",

            "CaseScheduleType": "URGENT",

            "CaseNumber": "10161",

            "PatientName": "TEN,PATIENT",

            "PatientICN": "9666000010V138314"

        }

    ]

}

If the patient does not have any surgery cases the API returns:

{

    "ErrorCode": "9902",

    "ExceptionName": "List Of Surgery Cases",

    "ErrorReason": "Patient doesn't have any surgery cases scheduled"

}

## Get Surgery Divisions

This API returns a list of surgery divisions. The surgery division id has to be sent with the schedule operations data.

Method: GET

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/divisions

Returns:

{

    "DivisionList": [

        {

            "divisionId": "500",

            "divisionIEN": "1"

        },

        {

            "divisionId": "642",

            "divisionIEN": "2"

        },

        {

            "divisionId": "595",

            "divisionIEN": "3"

        }

    ]

}

## Scheduling/Canceling an Operation:

This API is used to schedule or cancel an operation. The same API will be used to schedule or cancel an operation. The property, Action in the JSON message is set to 1 if the operation is to be scheduled and set to 2 if the operation is to be canceled. **Note, all date/time stamps are to be in UTC with the correct time zone offset for the VistA system’s location.**

All the data sent to schedule an operation is also sent when canceling an operation. When canceling an operation, the fields below are also sent in the JSON message:

Cancel Reason, CancellationTimeFrame, Avoidable, Reschedule, NewDate.

|  |  |  |
| --- | --- | --- |
| Property | Data Type | Definition |
| Action | String | Action is the type of action to take on the operation, 1 = Schedule operation, 2 = Cancel operation |
| SurgeryCase [ Required ] | String | SurgeryCase is the case number for this surgery request |
| SRSORRoom | String | SRSRoom is the IEN for the OR room in VistA |
| SRSDate | String | SRSDate is the date the operation is to begin |
| SRSDate2 | String | SRSDate2 is populated if the operation will span two days. it represents the second date. |
| SRSTime | String | SRSTime is the start and end times for the surgery to begin and end to the nearest 15 minute block. both times are in hh:ss format and separated by the ^ character |
| SRSStartTime | String | SRSStartTime is the start date and time in format yyyymmddThh:mm-UTC offset |
| SRSEndTime | String | SRSSEndTime is the start date and time in format yyyymmddThh:mm-UTC offset |
| SRSite | String | SRSite is the division the user is logged into |
| SRPrincipalAnesthetistId | String | SRPrincipalAnesthetistId is the primary Anesthetist's SECID |
| SRAnesthesiologistSupervisorId | String | SRAnesthesiologistSupervisorId is the primary supervising Anesthetist's SECID |
| SchedulerSecId | String | SchedulerSecId is the scheduler's SECID |
| CancelReason | String | CancelReason is the reason the operation was canceled, the cancel reason is the IEN from the Surgery Cancel Reason file #135 for the cancel reason |
| CancellationTimeframe | String | Cancellation Timeframe is a set of codes: '1' FOR SURGERY CANCELLED <48 HRS BEFORE SCHEDULED SURGERY - '2' FOR SURGERY CANCELLED >48 HRS BEFORE SCHEDULED SURGERY |
| Avoidable | String | Avoidable - was the cancelation avoidable? Y for yes, N for No |
| Reschedule | String | Reschedule is a flag to either reschedule the case for a new date or not reschedule. '1' is for reschedule, '0' is for don't reschedule the case |
| PatientICN | String | Patient's ICN |
| NewDate | String | NewDate is the date for the new surgery case when canceling the old case |

Method: POST

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/schedulesurgery>

The JSON below will schedule an operation and updates the surgery case to show the operation is scheduled:

{

"Action": "1",

"SurgeryCase": "10264",

"SRSORRoom": "6",

"SRSDATE": "20231101",

"SRSDate2": "",

"SRSTime": "1200^1400",

"SRSStartTime": "20231101T1200",

"SRSEndTime": "20231101T1400",

"SRSite": "500",

"SRPrincipalAnesthetistId": "8174359137",

"SRAnesthesiologistSupervisorId": "9222788350",

"CancelReason": "",

"SchedulerSecId": "105710571057",

"CancellationTimeFrame": "",

"Avoidable": "",

"Reschedule": "",

"PatientICN": "5000000118V544653",

"NewDate": ""

}

The JSON below will Cancel an operation and reschedule the surgery case.

{

"Action": "2",

"SurgeryCase": "10264",

"SRSORRoom": "6",

"SRSDATE": "20231101",

"SRSDate2": "",

"SRSTime": "1200^1400",

"SRSStartTime": "20231101T1200",

"SRSEndTime": "20231101T1400",

"SRSite": "500",

"SRPrincipalAnesthetistId": "8174359137",

"SRAnesthesiologistSupervisorId": "9222788350",

"CancelReason": "6",

"SchedulerSecId": "105710571057",

"CancellationTimeFrame": "2",

"Avoidable": "N",

"Reschedule": "1",

"PatientICN": "5000000118V544653",

"NewDate": "20231102"

}

## Reschedule an Operation Date, Time or Operating Room

This API returns all the active surgery operation cancel reasons from the VistA Surgery Cancellation Reasons file (#135). **Note, all date/time stamps are to be in UTC with the correct time zone offset for the VistA system’s location.**

Method: PUT

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/reschedule>

Input JSON message:

{

    "CaseNumber" : "10398",

    "CurrentRoom": "6",

    "NewRoom": "6",

    "CurrentStartDate": "20240306",

    "NewStartDate": "20240307",

    "CurrentEndDate" : "20240306",

    "NewEndDate" : "20240307",

    "CurrentStartTime" : "20240306T0700-0600",

    "NewStartTime" : "20240307T0745-0600",

    "CurrentEndTime" : "20240306T0900-0600",

    "NewEndTime" : "20240307T0945-0600",

    "CurrentDuration": "0700^0900",

    "NewDuration": "0745^0945",

    "SchedulerSecId": "105710571057",

    "PrincipalAnesthetist": "8174359137",

    "AnesthesiologistSupervisor": "9222788350",

    "NewPrincipalAnesthetist": "8174359137",

    "NewAnesthesiologistSupervisor": "9222788350"

}

Results:

{

    "StatusCode": "0",

    "ResponseMessage": "SUCCESS",

    "SurgeryCaseNumber": "10398"

}

## Get Surgery Operation Cancel Reasons

This API returns all the active surgery operation cancel reasons from the VistA Surgery Cancellation Reasons file (#135).

Method: GET

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/cancelReasons>

Results:

{

    "ListofReasons": [

        {

            "Code": "1010",

            "ReasonText": "PATIENT RELATED ISSUE"

        },

        {

            "Code": "1011",

            "ReasonText": "ENVIRONMENTAL ISSUE"

        },

        {

            "Code": "1012",

            "ReasonText": "STAFF ISSUE"

        },

        {

            "Code": "1013",

            "ReasonText": "PATIENT HEALTH STATUS"

        },

        {

            "Code": "1014",

            "ReasonText": "CLIN URGENT/EMERGENT CASE"

        },

        {

            "Code": "1015",

            "ReasonText": "SCHED ISSUES NON EMERGENT CASE"

        },

        {

            "Code": "1016",

            "ReasonText": "UNAVAILABLE BED"

        },

        {

            "Code": "1017",

            "ReasonText": "UNAVAILABLE EQUIP EXCLUDE RME"

        },

        {

            "Code": "1018",

            "ReasonText": "UNAVAILABLE REUSABLE EQUP-RME"

        },

        {

            "Code": "1019",

            "ReasonText": "CASE MOVED TO EARLIER DATE"

        }

    ]

}

## Get Details for an Operation

This API returns details for a scheduled operation.

Method: GET

The URL below returns the details for a scheduled operation.

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/operationdetails?case=10742>

In the URL, the case is the internal entry number for the surgery case in the VistA Surgery File.

Returns:

{

    "CaseNumber": "10742",

    "RoomIEN": "3",

    "StartDate": "AUG 21, 2024",

    "EndDate": "AUG 21, 2024",

    "StartTime": "08:00",

    "EndTime": "08:35",

    "PrincipalAnesthetist": "8174359137",

    "AnesthesiologistSupervisor": "9222788350"

}

## Get a List of Operating Rooms

This API returns a list of operating rooms.

Method: GET

The URL below returns a list of all OR Rooms:

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/orroom>

This URL returns the data for OR room specified in the URL:

<http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/orroom?room=8>

Both APIs return the same data for the OR room.

Returns:

{

    "ORRooms": [

        {

            "RoomIen": "1",

            "RoomName": "ER",

            "LocationIen": "70",

            "Weekday": [

                {

                    "DayOfWeek": "SUNDAY",

                    "StartHour": "08:00",

                    "EndHour": "16:30"

                },

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "08:00",

                    "EndHour": "17:00"

                },

                {

                    "DayOfWeek": "TUESDAY"

                },

                {

                    "DayOfWeek": "WEDNESDAY"

                },

                {

                    "DayOfWeek": "THURSDAY"

                },

                {

                    "DayOfWeek": "FRIDAY"

                },

                {

                    "DayOfWeek": "SATURDAY"

                }

            ]

        },

        {

            "RoomIen": "2",

            "RoomName": "OR1",

            "LocationIen": "71",

            "Weekday": [

                {

                    "DayOfWeek": "SUNDAY",

                    "StartHour": "08:00",

                    "EndHour": "16:00"

                },

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "07:30",

                    "EndHour": "18:30"

                },

                {

                    "DayOfWeek": "TUESDAY",

                    "StartHour": "07:30",

                    "EndHour": "18:30"

                },

                {

                    "DayOfWeek": "WEDNESDAY",

                    "StartHour": "07:00",

                    "EndHour": "18:30"

                },

                {

                    "DayOfWeek": "THURSDAY",

                    "StartHour": "07:30",

                    "EndHour": "18:30"

                },

                {

                    "DayOfWeek": "FRIDAY",

                    "StartHour": "07:30",

                    "EndHour": "18:30"

                },

                {

                    "DayOfWeek": "SATURDAY"

                }

            ]

        },

        {

            "RoomIen": "3",

            "RoomName": "OR2",

            "LocationIen": "72",

            "Weekday": [

                {

                    "DayOfWeek": "SUNDAY"

                },

                {

                    "DayOfWeek": "MONDAY"

                },

                {

                    "DayOfWeek": "TUESDAY"

                },

                {

                    "DayOfWeek": "WEDNESDAY"

                },

                {

                    "DayOfWeek": "THURSDAY"

                },

                {

                    "DayOfWeek": "FRIDAY"

                },

                {

                    "DayOfWeek": "SATURDAY"

                }

            ]

        },

        {

            "RoomIen": "4",

            "RoomName": "TREATMENT ROOM 1",

            "LocationIen": "131",

            "Weekday": [

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "08:00",

                    "EndHour": "18:00"

                },

                {

                    "DayOfWeek": "TUESDAY",

                    "StartHour": "08:00",

                    "EndHour": "18:00"

                },

                {

                    "DayOfWeek": "WEDNESDAY",

                    "StartHour": "08:00",

                    "EndHour": "18:00"

                },

                {

                    "DayOfWeek": "THURSDAY",

                    "StartHour": "08:00",

                    "EndHour": "18:00"

                },

                {

                    "DayOfWeek": "FRIDAY",

                    "StartHour": "08:00",

                    "EndHour": "18:00"

                }

            ]

        },

        {

            "RoomIen": "5",

            "RoomName": "NON OR",

            "LocationIen": "254",

            "Weekday": [

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "09:00",

                    "EndHour": "12:00"

                }

            ]

        },

        {

            "RoomIen": "6",

            "RoomName": "OR4",

            "LocationIen": "424",

            "Weekday": [

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "07:00",

                    "EndHour": "17:00"

                },

                {

                    "DayOfWeek": "TUESDAY",

                    "StartHour": "07:00",

                    "EndHour": "17:00"

                },

                {

                    "DayOfWeek": "WEDNESDAY",

                    "StartHour": "07:00",

                    "EndHour": "14:00"

                },

                {

                    "DayOfWeek": "THURSDAY",

                    "StartHour": "07:00",

                    "EndHour": "12:00"

                },

                {

                    "DayOfWeek": "FRIDAY",

                    "StartHour": "07:00",

                    "EndHour": "14:00"

                }

            ]

        },

        {

            "RoomIen": "7",

            "RoomName": "OR3",

            "LocationIen": "247",

            "Weekday": [

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "07:00",

                    "EndHour": "16:00"

                },

                {

                    "DayOfWeek": "TUESDAY",

                    "StartHour": "07:00",

                    "EndHour": "12:00"

                },

                {

                    "DayOfWeek": "WEDNESDAY",

                    "StartHour": "07:00",

                    "EndHour": "16:00"

                },

                {

                    "DayOfWeek": "THURSDAY",

                    "StartHour": "07:00",

                    "EndHour": "16:00"

                },

                {

                    "DayOfWeek": "FRIDAY",

                    "StartHour": "07:00",

                    "EndHour": "16:00"

                }

            ]

        },

        {

            "RoomIen": "8",

            "RoomName": "SURGERY",

            "LocationIen": "21",

            "Weekday": [

                {

                    "DayOfWeek": "MONDAY",

                    "StartHour": "07:00",

                    "EndHour": "12:00"

                },

                {

                    "DayOfWeek": "TUESDAY",

                    "StartHour": "06:00",

                    "EndHour": "14:00"

                },

                {

                    "DayOfWeek": "WEDNESDAY",

                    "StartHour": "06:00",

                    "EndHour": "16:00"

                },

                {

                    "DayOfWeek": "THURSDAY",

                    "StartHour": "06:00",

                    "EndHour": "16:00"

                },

                {

                    "DayOfWeek": "FRIDAY",

                    "StartHour": "06:00",

                    "EndHour": "12:00"

                }

            ]

        }

    ]

}

## Get a List of CPRS Status and Status Codes

This API returns a list of the CPRS status and their codes.

Method: GET

URL <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/code>

Returns:

{

    "NumberOfCodes": "16",

    "Codes": [

        {

            "Code": "1",

            "CodeText": "DISCONTINUED"

        },

        {

            "Code": "2",

            "CodeText": "COMPLETE"

        },

        {

            "Code": "3",

            "CodeText": "HOLD"

        },

        {

            "Code": "4",

            "CodeText": "FLAGGED"

        },

        {

            "Code": "5",

            "CodeText": "PENDING"

        },

        {

            "Code": "6",

            "CodeText": "ACTIVE"

        },

        {

            "Code": "7",

            "CodeText": "EXPIRED"

        },

        {

            "Code": "8",

            "CodeText": "SCHEDULED"

        },

        {

            "Code": "9",

            "CodeText": "PARTIAL RESULTS"

        },

        {

            "Code": "10",

            "CodeText": "DELAYED"

        },

        {

            "Code": "11",

            "CodeText": "UNRELEASED"

        },

        {

            "Code": "12",

            "CodeText": "DISCONTINUED/EDIT"

        },

        {

            "Code": "13",

            "CodeText": "CANCELLED"

        },

        {

            "Code": "14",

            "CodeText": "LAPSED"

        },

        {

            "Code": "15",

            "CodeText": "RENEWED"

        },

        {

            "Code": "99",

            "CodeText": "NO STATUS"

        }

    ]

}

## Add a Comment to a Consult

This API adds a comment to a consult.

Method: PUT

URL <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/comment>

A comment in a consult can be an unlimited length in VistA. When creating the JSON message separate lines should be limited to a max of 80 characters. Use the pipe character (|) to indicate a new line. DO NOT send, colons, semi colons, forward or backward slashes or formatting characters other that using the | as a line separator. VistA uses colons, semi colons, forward and backward slashes as flags for how to store the data and can cause unexpected results. Embedded control characters such as Tabs or the bullet point indicator can cause issues as well. If indentation is needed, add spaces rather than tabs.

Input JSON message:

{

"consultId": "671",

"comment": "this is a test of receiving a json message to update a consult. May 16, 2024|this is the second line of the comment.|This is the third line of the comments"

}

Returns:

{

    "StatusCode": "1",

    "ResponseMessage": "Success"

}

A status of 0 indicates success. If the update fails, the StatusCode will be 1 and the ResponseMessage will have the failure reason.

## Update the Status of a Consult

This API updates the status of a consult. Parameters are the consult id and the status code. See the Get a List of CPRS Status and Status Codes API to get the allowable CPRS status codes.

Method: PATCH

URL [http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/status?consultid=669&status=5&comment=”test](http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/status?consultid=669&status=5&comment=) comment”

Returns:

{

    "StatusCode": "1",

    "ResponseMessage": "Success"

}

A status of 0 indicates success. If the update fails, the StatusCode will be 1 and the ResponseMessage will have the failure reason.

## Get A List of Consult Services

This API returns a list of all the consult services with their internal entry number from the REQUEST SERVICES FILE (#123.5).

Method: GET

URL:

<http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/services>

Returns: (partial listing)

{

"ListofServices": [

{

"IEN": "1",

"ServiceName": "ALL SERVICES"

},

{

"IEN": "2",

"ServiceName": "MEDICINE"

},

{

"IEN": "3",

"ServiceName": "PHARMACY SERVICE"

}

]

}

## Get Consults filtered by Patient, Consult Service and a Date Range

This API returns all consults for the specified patient for a specific consult service and for a date range. The API will only accept one consult service for a search parameter. If consults for more than one service are needed, this API has to be run for each service.

Method: GET

URL

http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/patient?patient=5000000121V531561&service=9&start=20231001000001-0500&end=20241028005959

Parameters:

patient: Patient’s ICN

service: The IEN for the consult service.

start: Starting date for the lookup in yyyymmddhhmmss-UTC offset

end: Ending date for the lookup in yyyymmddhhmmss-UTC offset

Returns:

{

    "Consult": [

        {

            "consultId": "699",

            "patientName": "THIRTEEN,OUTPATIENT",

            "patientICN": "5000000121V531561",

            "patientID": "T0010",

            "requestType": **null**,

            "originalConsultDate": "OCT 09, 2023@06:26",

            "toService": "ADMIN-SCHEDULE OR CASE",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "OCT 09, 2023@06:26",

            "urgencyOrErarliestDate": "OCT 09, 2023",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "OCT 09, 2023",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Oct 30,2023|Preoperative diagnosis:         Umbilical hernia with gangrene K42.1|Procedure indicated:            LAP VENT/ABD HERN PROC COMP|Procedure CPT code:             49653|Laterality:             Right|Estimated length of case (room time): 120|Palliative Procedure and/or under Palliative Care:   No| |Patient admission status:       Inpatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        No| | |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  No|   If NO, identify Surgical Patient Risk:| |Is patient available to arrive at 0630 for surgery if needed?|Yes| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     Yes|  If NO, please consult Social Work.| |Does the patient have transportation?  Has Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   No Allergy Assessment| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:No| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        }

    ]

}{

    "Consult": [

        {

            "consultId": "698",

            "patientName": "THIRTEEN,OUTPATIENT",

            "patientICN": "5000000121V531561",

            "patientID": "T0010",

            "requestType": **null**,

            "originalConsultDate": "OCT 09, 2023@06:01",

            "toService": "ADMIN-SCHEDULE OR CASE",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "OCT 09, 2023@06:01",

            "urgencyOrErarliestDate": "OCT 09, 2023",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "OCT 09, 2023",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Oct 30,2023|Preoperative diagnosis:         Umbilical hernia with gangrene K42.1|Procedure indicated:            LAP VENT/ABD HERN PROC COMP|Procedure CPT code:             49653|Laterality:             Right|Estimated length of case (room time): 120|Palliative Procedure and/or under Palliative Care:   No| |Patient admission status:       Inpatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                LOCAL| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        No| | |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  No|   If NO, identify Surgical Patient Risk: Low| |Is patient available to arrive at 0630 for surgery if needed?|Yes| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     Yes|  If NO, please consult Social Work.| |Does the patient have transportation?  Has Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   No Allergy Assessment| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:No| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        }

    ]

}{

    "Consult": [

        {

            "consultId": "697",

            "patientName": "THIRTEEN,OUTPATIENT",

            "patientICN": "5000000121V531561",

            "patientID": "T0010",

            "requestType": **null**,

            "originalConsultDate": "OCT 08, 2023@07:17",

            "toService": "ADMIN-SCHEDULE OR CASE",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "OCT 08, 2023@07:17",

            "urgencyOrErarliestDate": "OCT 08, 2023",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "OCT 08, 2023",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Oct 12,2023|Preoperative diagnosis:         Umbilical hernia with gangrene K42.1|Procedure indicated:            LAP VENT/ABD HERN PROC COMP|Procedure CPT code:             49653|Laterality:             Left|Estimated length of case (room time): 60|Palliative Procedure and/or under Palliative Care:   No| |Patient admission status:       Inpatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                LOCAL| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        No| | |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  Yes|   If NO, identify Surgical Patient Risk: Low| |Is patient available to arrive at 0630 for surgery if needed?|Yes| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     Yes|  If NO, please consult Social Work.| |Does the patient have transportation?  Has Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   No Allergy Assessment| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:No| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        }

    ]

}{

    "Consult": [

        {

            "consultId": "693",

            "patientName": "THIRTEEN,OUTPATIENT",

            "patientICN": "5000000121V531561",

            "patientID": "T0010",

            "requestType": **null**,

            "originalConsultDate": "OCT 05, 2023@07:44",

            "toService": "ADMIN-SCHEDULE OR CASE",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "OCT 05, 2023@07:44",

            "urgencyOrErarliestDate": "OCT 05, 2023",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "OCT 05, 2023",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Oct 5,2023|Preoperative diagnosis:         Cataract with neovascularization|Procedure indicated:            CATARACT SURG W/IOL, 1 STAGE|Procedure CPT code:             xxxxx|Laterality:             Both|Estimated length of case (room time): 120|Palliative Procedure and/or under Palliative Care:   Yes| |Patient admission status:       OutPatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                LOCAL| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        No| | |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  Yes|   If NO, identify Surgical Patient Risk: Low| |Is patient available to arrive at 0630 for surgery if needed?|Yes| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     Yes|  If NO, please consult Social Work.| |Does the patient have transportation?  Has Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   No Allergy Assessment| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:Yes| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        }

    ]

}

If the patient, service, start or end date are not defined an error response is returned:

{

    "StatusCode": "1",

    "ResponseMessage": "Missing end date."

}

## Get Consults filtered by Consult Service

This API returns all active or pending consults with details for a user defined list of consult services.

Method: GET

URL

<http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/byservice?services=9,71,72>

?services=9,71,72 are the search parameters in the sample URL above.

Input: a comma separated list containing the IENs for the consult services. A list of available consult services can be obtained by calling the API defined in the section for Get A List of Consult Services.

Returns: (partial listing)

The list of services provided for this query are 9, 71, 72. Where 9 is the IEN for the Surgery consult service, 71 is the IEN for Dental – Outpatient consult service, and 72 is the IEN for Dental – Inpatient consult service. It is important to remember the Consult Services are unique to each VistA station.

{

    "Consult": [

        {

            "consultId": "749",

            "patientName": "TEN,PATIENT",

            "patientICN": "-1^NO DFN",

            "patientID": "T0010",

            "requestType": **null**,

            "originalConsultDate": "JAN 08, 2024@08:25",

            "toService": "SURGERY",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "JAN 08, 2024@08:25",

            "urgencyOrErarliestDate": "JAN 08, 2024",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "JAN 08, 2024",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Jan 9,2024|Preoperative diagnosis:         Test|Procedure indicated:            LAP INC HERNIA REPAIR|Procedure CPT code:             49654|Laterality:             Both|Estimated length of case (room time): 60|Palliative Procedure and/or under Palliative Care:   No| |Patient admission status:       OutPatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                LOCAL| | |Is C-arm required for procedure? No|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        No| | |Does the patient have a pacemaker?  No|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  No|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  No|   If NO, identify Surgical Patient Risk: High| |Is patient available to arrive at 0630 for surgery if needed?|No| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     NA|  If NO, please consult Social Work.| |Does the patient have transportation?  Has Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   PENICILLIN, CHOCOLATE, BEE STINGS| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  No|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:No| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        },

        {

            "consultId": "753",

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            "patientICN": "-1^NO DFN",

            "patientID": "N0010",

            "requestType": **null**,

            "originalConsultDate": "JAN 11, 2024@06:43",

            "toService": "SURGERY",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "JAN 11, 2024@06:43",

            "urgencyOrErarliestDate": "JAN 11, 2024",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "JAN 11, 2024",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Jan 12,2024|Preoperative diagnosis:         Skin rupture|Procedure indicated:            REMOVAL OF SKIN TAGS|Procedure CPT code:             11200|Laterality:             Left|Estimated length of case (room time):|Palliative Procedure and/or under Palliative Care:   Yes| |Patient admission status:       Inpatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                LOCAL| | |Is C-arm required for procedure? Yes|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        Yes| | |Does the patient have a pacemaker?  Yes|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  Yes|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  Yes|   If NO, identify Surgical Patient Risk: Low| |Is patient available to arrive at 0630 for surgery if needed?|No| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     No|  If NO, please consult Social Work.| |Does the patient have transportation?  Needs Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   PENICILLIN, CHOCOLATE| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  Yes|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  Yes|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:Yes| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        },

        {

            "consultId": "754",

            "patientName": "EIGHT,PATIENT",

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            "patientID": "E0010",

            "requestType": **null**,

            "originalConsultDate": "JAN 11, 2024@08:32",

            "toService": "SURGERY",

            "clinicIEN": "239",

            "clinicName": "SURGICAL CLINIC",

            "dateOfRequest": "JAN 11, 2024@08:32",

            "urgencyOrErarliestDate": "JAN 11, 2024",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "JAN 11, 2024",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: SCHEDULING INSTRUCTIONS:|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Date of surgery:                Jan 15,2024|Preoperative diagnosis:         Test|Procedure indicated:            REMOVAL OF SKIN TAGS|Procedure CPT code:             11200|Laterality:             Left|Estimated length of case (room time): 60|Palliative Procedure and/or under Palliative Care:   Yes| |Patient admission status:       Inpatient|If patient will be admitted, specify Attending Physician's|   name if known:| |Anesthesia type:                LOCAL| | |Is C-arm required for procedure? Yes|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        Yes| | |Does the patient have a pacemaker?  Yes|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Does the patient have an AICD?  Yes|  (If yes, patient needs to have had a recent interrogation (within 3|months).|     If not, please order.)|  (If yes and planning to use Cautery, please place a consult to|   Cardio Device Pre-op Chart Review)| |Patient sent to PCP for Medical Pre-op Evaluation?  Yes|   If NO, identify Surgical Patient Risk: Low| |Is patient available to arrive at 0630 for surgery if needed?|No| |Does the patient have a responsible adult to accompany them to the|procedure and|stay with them afterward?     NA|  If NO, please consult Social Work.| |Does the patient have transportation?  Needs Transportation|  If NO, please consult Social Work.| | |Patient's Allergies:|   PENICILLIN, CHOCOLATE| |Medication Instructions:|Hold Aspirin/Aspirin products:  0|Hold Anti-inflammatories:  0| |Is patient on anticoagulation?  Yes|  If YES, please enter directions for pre-op management:| | |Is patient a diabetic?  No|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:No| |    Take insulin  evening prior to surgery.|No| | | |\*\*\* ORTHOPEDIC CASES ONLY \*\*\*| |Post-op Rehabilitation needs:| | |BMI >= 35:|Bilateral joint replacement:|Previous history venous thromboembolism:|Malignancy:"

        },

        {

            "consultId": "756",

            "patientName": "ELEVEN,PATIENT",

            "patientICN": "-1^NO DFN",

            "patientID": "E0010",

            "requestType": **null**,

            "originalConsultDate": "JAN 18, 2024@11:45",

            "toService": "DENTAL - OUTPATIENT CLINIC",

            "clinicIEN": "426",

            "clinicName": "EMERGENCY ROOM",

            "dateOfRequest": "JAN 18, 2024@11:45",

            "urgencyOrErarliestDate": "JAN 19, 2024",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "JAN 19, 2024",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|TESTING SETTING UP A DENTAL CONSULT"

        },

        {

            "consultId": "757",

            "patientName": "LIONEL,PATIENT",

            "patientICN": "-1^NO DFN",

            "patientID": "L0010",

            "requestType": **null**,

            "originalConsultDate": "JAN 24, 2024@08:38",

            "toService": "DENTAL - OUTPATIENT CLINIC",

            "clinicIEN": "228",

            "clinicName": "DENTAL 1",

            "dateOfRequest": "JAN 24, 2024@08:38",

            "urgencyOrErarliestDate": "JAN 24, 2024",

            "providerNPI": "8441435809",

            "providerID": "1057",

            "providerName": "SARACINO,PROVIDER",

            "providerSecid": "1057",

            "serviceRenderedAs": **null**,

            "prohibitedClinicFlag": **null**,

            "clinicIndicatedDate": "JAN 24, 2024",

            "numberOfPhoneContacts": **null**,

            "dateOfLastLetter": **null**,

            "covidPriority": **null**,

            "consultData": "|Period of Service:|RATED DISABILITIES - NONE FOUND| |NO|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| | |SCHEDULING INSTRUCTIONS: Within 1 week|\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*| |Reason for Request (Reason for seeking treatment now):|braces visit| |Patient's main complaint:|follow up| |Patient's reported pain level is 0.| |Provider's objective description of patient level of comfort:|comfortable| |Date when patient first experienced the problem:| |Oral observations: Other: braces visit| |Is this problem caused by a prosthesis? No"

        }

    ]

}

## Get A List of PostOpCare Dispositions

This API returns a list of active postopcare dispositions.

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/surgery/postopcare>

API Method: GET

Results:

{

        {

            "IEN": "10",

            "Name": "OUTPATIENT/DISCHARGE"

        },

        {

            "IEN": "11",

            "Name": "ICU"

        },

        {

            "IEN": "12",

            "Name": "STEPDOWN"

        },

        {

            "IEN": "13",

            "Name": "WARD"

        },

        {

            "IEN": "14",

            "Name": "OBSERVATION UNIT"

        },

        {

            "IEN": "15",

            "Name": "MORGUE"

        }

}

## Get a List of Active Note Templates

This API returns a list of active note templates.

Url: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/notetemplates>

API Method: GET

Results:

{

    "listofTemplates": [

        {

            "title": "Shared Templates",

            "ien": "1"

        },

        {

            "title": "Discharge Summary",

            "ien": "3"

        },

        {

            "title": "Monday User",

            "ien": "4"

        },

        {

            "title": "Wednesday User",

            "ien": "5"

        },

        {

            "title": "Copy Mike",

            "ien": "6"

        },

        {

            "title": "Jeanie's Title",

            "ien": "7"

        },

        {

            "title": "Bone Marrow",

            "ien": "8"

        },

        {

            "title": "Dom Rehab Note",

            "ien": "9"

        },

        {

            "title": "Patient Data Objects",

            "ien": "10"

        },

        {

            "title": "Patient Age",

            "ien": "11"

        },

        {

            "title": "Patient Sex",

            "ien": "12"

        },

        {

            "title": "Patient Race",

            "ien": "13"

        },

        {

            "title": "Patient Name",

            "ien": "14"

        },

        {

            "title": "Patient Ssn",

            "ien": "15"

        },

        {

            "title": "Patient Date Of Birth",

            "ien": "16"

        },

        {

            "title": "Patient Date Of Death",

            "ien": "17"

        },

        {

            "title": "Allergies/adr",

            "ien": "18"

        },

        {

            "title": "Patient Height",

            "ien": "19"

        },

        {

            "title": "Patient Weight",

            "ien": "20"

        },

        {

            "title": "Temperature",

            "ien": "21"

        }

}

## Get a Consult/Note Template

This API is used to pull the current template for a specified title.

Url: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/template?title=ADMIN-SCHEDULE OR CASE

API Method: GET

Input: the title of the template. The title is case sensitive

Results:

The templateLine property has all lines for the template. Individual lines are separated by the pipe or vertical bar character. The data in the braces at the end of a line indicate the possible response type. As an example, if {FLD:ED BOX REQ} indicates this is a required response.

{

    "title": "ADMIN-SCHEDULE OR CASE",

    "ien": "6046",

    "templateLine": "|Date of surgery:                {FLD:DATE (\*)}|Preoperative diagnosis:         {FLD:ED BOX REQ}|Principle Procedure indicated 1:{FLD:ED BOX REQ}|Procedure CPT code 1:           {FLD:ED BOX REQ}|Laterality 1:                   {FLD:LEB-LATERALITY}|  Other Procedure 2:            {FLD:ED BOX}|    CPT 2:                      {FLD:ED BOX}|    Diagnosis Text 2:           {FLD:ED BOX}|    Laterality 2:               {FLD:LEB-LATERALITY NOT REQ}|  Other Procedure 3:            {FLD:ED BOX}|    CPT 3:                      {FLD:ED BOX}|    Diagnosis Text 3:           {FLD:ED BOX}|    Laterality 3:               {FLD:LEB-LATERALITY NOT REQ}|  Other Procedure 4:            {FLD:ED BOX}|    CPT 4:                      {FLD:ED BOX}|    Diagnosis Text 4:           {FLD:ED BOX}|    Laterality 4:               {FLD:LEB-LATERALITY NOT REQ}|Estimated length of case (room time): {FLD:EDIT 5 REQ} minutes|Palliative Procedure and/or under Palliative Care:  {FLD:YES / NO}|Primary Operating/Procedural Physician: {FLD:ED BOX REQ}| |Patient admission status:       {FLD:PT ADM STATUS}|If patient will be admitted, specify Attending Physician's|   name if known: {FLD:EDIT 40}| |Is C-arm required for procedure? {FLD:YES / NO}|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        {FLD:YES / NO}|{FLD:WORD PROCESSING 50}| |Does the patient have a pacemaker/AICD?  {FLD:YES / NO}| |Does the patient have a responsible adult to accompany them to the |procedure and stay with them afterward?     {FLD:YES, NO, NA1}| |Does the patient have transportation?  {FLD:HK-DRIVER}| |Patient's Allergies:|   |ALLERGIES/ADR|| |RISK FACTORS:| |Medication Instructions:|Hold Aspirin/Aspirin products:  {FLD:HK-HOLD DAYS}|Hold Anti-inflammatories:  {FLD:HK-HOLD DAYS}| |Is patient on anticoagulation?  {FLD:YES / NO}|  If YES, please enter directions for pre-op management:|  {FLD:ED BOX}| |Is patient a diabetic?  {FLD:YES / NO}|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery:| {FLD:YES -OR- NO}|    Take insulin {FLD:HK-INSULIN PRE-OP} evening prior to surgery.| |{FLD:LEB-SURGERY RISK ON SCH OR CASE}| |{FLD:HK-OTHER INSTRUCTIONS}{FLD:ED BOX}| |MRSA information used for scheduling:||MRSA PRF NOTE|"

}

## Get a Template API

This API will return the CPRS/VistA Template for the specified template.

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/consults/template?title=ADMIN-SCHEDULE OR CASE

The search parameter is the title of the template requested in all upper case letters and exactly as returned by either the a GET Consult/Note Template or the Get a List of Active Note Templates APIs.

Returns:

{

    "title": "ADMIN-SCHEDULE OR CASE",

    "ien": "6046",

    "templateLine": "|Date of surgery:\t  \t{FLD:DATE (\*)}|Preoperative diagnosis: \t{FLD:ED BOX REQ}|1. Principle Procedure indicated: {FLD:ED BOX REQ}|   1. Procedure CPT code:\t{FLD:ED BOX REQ}|   1. Laterality:   \t\t{FLD:LEB-LATERALITY}|2. Other Procedure:\t\t{FLD:ED BOX}|   2. CPT:\t\t\t{FLD:ED BOX}|   2. Diagnosis Text:\t\t{FLD:ED BOX}|   2. Laterality:   \t\t{FLD:LEB-LATERALITY NOT REQ}|3. Other Procedure:\t\t{FLD:ED BOX}|   3. CPT:\t\t\t{FLD:ED BOX}|   3. Diagnosis Text:\t\t{FLD:ED BOX}|   3. Laterality:   \t\t{FLD:LEB-LATERALITY NOT REQ}|4. Other Procedure:\t\t{FLD:ED BOX}|   4. CPT:\t\t\t{FLD:ED BOX}|   4. Diagnosis Text:\t\t{FLD:ED BOX}|   4. Laterality:   \t\t{FLD:LEB-LATERALITY NOT REQ}|Estimated length of case (room time): {FLD:EDIT 5 REQ} minutes|Palliative Procedure and/or under Palliative Care:  {FLD:YES / NO}|Primary Operating/Procedural Physician: {FLD:ED BOX REQ}||Patient admission status: \t{FLD:PT ADM STATUS}|If patient will be admitted, specify Attending Physician's|   name if known: {FLD:EDIT 40}||Anesthesia type:\t\t{FLD:ANES TYPE}|{FLD:ANES TYPE QUESTION}||Is C-arm required for procedure? {FLD:YES / NO}|Please indicate any special instruments, equipment, supplies|or pharmacy items needed?        {FLD:YES / NO}|{FLD:WORD PROCESSING 50}||Does the patient have a pacemaker/AICD?  {FLD:YES / NO}||Does the patient have a responsible adult to accompany them to the |procedure and stay with them afterward?     {FLD:YES, NO, NA1}||Does the patient have transportation?  {FLD:HK-DRIVER}||Patient's Allergies:|   |ALLERGIES/ADR|||RISK FACTORS:||Medication Instructions:|Hold Aspirin/Aspirin products:  {FLD:HK-HOLD DAYS}|Hold Anti-inflammatories:  {FLD:HK-HOLD DAYS}||Is patient on anticoagulation?  {FLD:YES / NO}|  If YES, please enter directions for pre-op management:|  {FLD:ED BOX}||Is patient a diabetic?  {FLD:YES / NO}|  If YES, please specify below:|    Hold insulin and/or diabetic medications day of surgery: {FLD:YES -OR- NO}|    Take insulin {FLD:HK-INSULIN PRE-OP} evening prior to surgery.||{FLD:LEB-SURGERY RISK ON SCH OR CASE}||{FLD:HK-OTHER INSTRUCTIONS}{FLD:ED BOX}||MRSA information used for scheduling:||MRSA PRF NOTE|"

}

# Get a List of Active Wards API

This API retrieves a list of active Ward Locations from the VistA Hospital Location file.

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/wards>

API Method: GET

Returns:

{

        {

            “IEN": "283",

            "Name": "3 NORTH GASTRO"

        },

        {

            "IEN": "5",

            "Name": "3 NORTH SURG"

        },

        {

            "IEN": "129",

            "Name": "3E NORTH"

        },

        {

            "IEN": "158",

            "Name": "7A GEN MED"

        },

        {

            "IEN": "157",

            "Name": "7A SURG"

        },

        {

            "IEN": "81",

            "Name": "7B"

        }

}

# Get a List of Treating Specialties API

This API retrieves a list of active treating specialties from the VistA Facility Treating Specialty file.

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/treatingspecialties

API Method: GET

Returns:

{

        {

            "IEN": "1",

            "Name": "ACUTE PSYCHIATRY(<45 DAYS)"

        },

        {

            "IEN": "3",

            "Name": "DRUG TREATMENT"

        },

        {

            "IEN": "4",

            "Name": "SPINAL CORD INJURY"

        },

        {

            "IEN": "5",

            "Name": "ORTHOPEDIC"

        }

…

    ]

}

# Schedule an Admission API

This API is used to schedule an admission for a surgery patient.

URL: http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/admission?admissionaction=1

API Method: POST

The parameter Action can be 1, 2, or 3. 1 = New admission, 2 = Edit an existing admission, 3 = delete an existing admission.

API request body:

{

   “Action”: “1”,

"PatientIcn": "5000000341V359724",

    "ReservationDateTime": "202410160800-0500",

    "Ward": "w",

    "WardNumber": "8",

    "TreatingSpecialty": "",

    "TreatingSpecialtyNumber": "",

“DivisionIen”: “1”,

    "LengthOfStay": 3,

    "AdmittingDiagnosis": "Hernia Repair",

    "ProviderSecId": "105710571057",

    "Surgery": "y",

    "OptNscStatus": "Yes",

    "AdmitRecord": "",

    "DateTimeCancelled": "",

    "ReasonCancelled": "",

    "PatientNotified": ""

}

PatientICN: patient’s ICN

ReservationDateTime: date and time the patient should arrive to be admitted. Format yyyymm22hhmmss-time zone offset

Ward: if the patient is to be admitted to a ward, this field is set to W, otherwise the value is T for treating specialty.

WardNumber: if the patient is to be admitted to a ward this is the IEN of the ward in the VistA Hospital Location file.

TreatingSpecialtyNumber: If the Ward flag is a T, this is the IEN for the treating specialty in the VistA Facility Treating Specialty file.

DivisionIen: The IEN for the division the user is signed into.

LengthOfStay: Estimated length of stay expressed as number of days.

AdmittingDiagnosis: Free text diagnosis

ProviderSecId: the SECID for the provider requesting the admission.

Surgery: set to Y for Yes if surgery is required as part of the treatment for this patient. Otherwise, it is set to N.

OptNscStatus: set to 1 if this patient will be admitted under the movement type of OPT-NSC. Otherwise set to 0 (zero)

AdmitRecord: if this is an edit or cancellation, this field is set to the IEN for the scheduled admission from the Scheduled Admission file. This value is returned when the patient was scheduled for an admissioin.

DateTimeCancelled: if the admission is cancelled, this the date and time of the cancel action. Format is yyyymmddhhmmss-time zone offset.

ReasonCancelled: 1 for Expired, 2 for Overdue, 3 for Refused Admission, 4 for No Available Beds, 5 for Other

PatientNotified: 0 for Yes, 1 for No, 2 for Not Applicable

Returns:

{

    "StatusCode": "0",

    "ResponseMessage": "85"

}

Return message values:

StatusCode: 0 (zero) for success, 1 for failure

ResponseMessage: if successful, the record number for the request from the VistA Schedule Admission file; if unsuccessful, returns the reason the request failed.

## Edit a Scheduled Admission Request

This API is used to edit a scheduled admission request.

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/admi>ssion?admissionaction=2

API Method: POST

JSON request body:

{

    "PatientIcn": "5000000329",

    "ReservationDateTime": "202411151000",

    "Ward": "W",

    "WardNumber": "5",

    "TreatingSpecialty": "",

    "TreatingSpecialtyNumber": "",

“DivisionIen”: “1”,

    "LengthOfStay": 2,

    "AdmittingDiagnosis": "Retained metal fragments, unspecified",

    "ProviderSecId": "189238912",

    "Surgery": "Y",

    "OptNscStatus": "",

    "AdmitRecord": "86",

    "DateTimeCancelled": "",

    "ReasonCancelled": "",

    "PatientNotified": ""

}

The data passed is the same as when scheduling a admission request, except the AdmitRecord data element has the IEN of the scheduled admission record. If a data element is populated in the message, the data will be updated in VistA.

Returns:

{

    "StatusCode": "0",

    "ResponseMessage": "Admission Edits Successful"

}

## Cancel a Scheduled Admission Request

This API is used to cancel a request to schedule an admission for a patient.

URL: [http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/admi](http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/canceladmit)ssion?admissionaction=3

API Method: POST

JSON request body:

{

    "AdmissionIen": "85",

    "PatientIcn": "1234567V12345",

    "RequestDateTime": "199601091030-0600",

    "CancelDateTime": "202411051706-0600",

    "Reason": "1",

    "CanceledBy": "105710571057",

    "PatientNotified": "0"

}

AdmissionIen: this is the IEN of the schedule admission

PatientIcn: the patents full ICN

RequestDateTime: The date and time of the original request

CancelDateTime: The date and time of the cancellation action

Reason: 1 for Expired, 2 for Overdue, 3 for Refused Admission, 4 for No Available Beds, 5 for Other

CanceledBy: The SECID of the user canceling the request

PatientNotified: 0 for Yes, 1 for No, 2 for Not Applicable

Response:

{

    "StatusCode": "0",

    "ResponseMessage": "Admission Request Canceled."

}

# Add Appointment API

This API is used to create an appointment .

URL: <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/appt>

Api Type : POST

**RPC/CODE Used** : APPADD^SDEC07

Api Request Body :

{

"Patient": "9666000010V138314",

"StartDate": "OCT 19, 2023@09:00",

"EndDate": "OCT 20, 2023@09:15",

"AppointmentDuration": "15",

"ClinicID": "23",

"APPTYPE": "9",

"AppointmentNote": "test appt",

"RequestedBy": "PROVIDER",

"Provider": "15735500"

}

Note: All fields are mandatory when creating an appointment, except for the "AppointmentNote" column.

Response :

{

"ResponseMessage": "Dental Appointment Created",

"DentalAppointmentIEN": "327",

"DentalRequestIEN": "153465"

}

This response returns a JSON message with unique DentalAppointmentIEN and DentalRequestIEN values. .

## Cancel Appointment

This API enables users to efficiently cancel existing appointments.

Url: [http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/appt](http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/cancelappt)

Api type : DELETE

**RPC/CODE Used** : APPDEL^SDEC08

**Requestbody**:

{

"AppointmentIEN": 333,

"AppointmentStatus": "CANCELLED BY CLINIC",

"CancellationReason": "CLINIC CANCELLED",

"CancelNote": "TEST CANCEL",

"CancellationComment": "COVID19 #TELE#"

}

**Notes**:

Except for the "CancellationRemarks" and "Note" columns, all fields are mandatory when canceling an appointment.

Appointment status valid values:

CANCELLED BY CLINIC

CANCELLED BY PATIENT

**Response** :

{

"ResponseMessage": "Dental Appointment Cancelled",

"DentalAppointmentIEN": "313"

}

This response returns a JSON message with the updated DentalAppointmentIEN value.

## Update Appointment

This API allows users to modify and update scheduled appointments

Url : <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/appt>

ApiType : PUT

**RPC/CODE Used** : EDITAPPT^SDEC26

**Requestbody** :

{

"AppointmentIEN": 334,

"AppointmentNote": "test appt upd"

}

Note : only 'note text' and appointment length can be edited.

**Response** :

{

"ResponseMessage": "Dental Appointment Updated",

"DentalAppointmentIEN": "319"

}

This response returns a JSON message with the Updated DentalAppointmentIEN value

## Check-In

This API manages the scheduling and confirmation of check-ins for existing appointments

Url <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/356/checkin>

Api Type : POST

**RPC/CODE Used** : CHECKIN^SDEC

**Request:**

{

"CheckinDateTime": "OCT 23, 2023@09:00"

}

Note : Appointment IEN id pass on under the URL..

**Response :**

{

"ResponseMessage": "Dental Appointment Check in Successfully",

"DentalAppointmentIEN": "356",

"StatusCode": "0"

}

This response returns a JSON message with the Updated check-in DentalAppointmentIEN value

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Check-Out** : This API handles the check-out process for completed appointments.

Url : <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/356/checkout>

**Api Type** : POST

**RPC/CODE Used** : CHECKOUT^SDEC

**Request:**

{

"CheckoutDateTime": "NOV 24, 2023@08:15"

}

Note : Appoinetment IEN send on the url its mandatory.

**Response :**

{

"ResponseMessage": "Dental Appointment Check out Successfully",

"DentalAppointmentIEN": "326",

"StatusCode": "0"

}

This response returns a JSON message with the Updated check-out DentalAppointmentIEN value

## Undo Check-in

## 

This API allows users to revert a previously completed check-in for appointments.

Url : <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/356/undocheckin>

API Type : Post

**RPC/CODE Used :** CANCHKIN^SDEC

Note : .The AppointmentIEN field is mandatory when canceling the check-in for existing appointments. The IEN should be passed in the URL.

**Response:**

{

"ResponseMessage": "Dental Appointment Check in undo Successfully",

"StatusCode": "0"

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## Undo Check-Out

## 

This API enables users to reverse a check-out action for appointments.

Url : <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/356/undocheckout>

Api Type : Post

**RPC/CODE Used**: CANCKOUT^SDEC

Note :The AppointmentIEN field is mandatory when canceling the check-out for existing appointments. The IEN should be passed in the URL.

**Response:**

{

"ResponseMessage": "Dental Appointment Check out undo Successfully",

"DentalAppointmentIEN": "300",

"StatusCode": "0"

}

## Appointment No-Show

This API Update NO-Show appointments Appointment Status .

Url :<http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/356/noshow>

Api Type : Post

**RPC/CODE Used:** NOSHOW^SDEC31

**Response:**

{

"ResponseMessage": "Dental Appointment No-Show Marked Successfully",

"DentalAppointmentIEN": "356",

"StatusCode": "0"

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## Appointment undo No-Show

This API allows users to revert a previously completed NO-Show Appointment Status .

Url :<http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/356/undonoshow>

Api Type : Post

**RPC/CODE Used:** NOSHOW^SDEC31

**Response:**

{

"ResponseMessage": "Dental Appointment No Show Removed Successfully",

"DentalAppointmentIEN": "356",

"StatusCode": "0"

}

## Add RTC Order with Sign

This API is used to create RTC Order.

Url : <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/rtcsignorders>

Api Type : POST

**RPC/CODE Used :**

SAVE^ORWDX

APPADD^SDEC07

SEND^ORWDX

Api Request Body :

{

"Patient": "5000000329V237824",

"Provider": "15735500",

"Location": "437",

"TimeSensitive": "Yes",

"ReturnToClinicDate": "JAN 08,2023",

"NumberofAppointments": "1",

"ApppointmentInterval": "0",

"Comment": "New RTC Order",

"StartDate": "JAN 10, 2024@15:00",

"EndDate": "JAN 10, 2024@16:00",

"AppointmentDuration":"60"

}

Note: All fields are mandatory when creating an appointment, except for the "Comment" column.

**Response :**

{

"ResponseMessage": "RTC Order Created and Sign sucessfully. ",

"RTCOrderIEN": "34107",

"StatusCode": "0"

}

This response returns a JSON message with unique RTCOrderIEN values. .

## RTC in VSE without signing

This API is used to create RTC Order.

Url : <http://52.255.186.209:52773/csp/vista/rest/switchlane/periopt/patient/dental/apptrtc>

Api Type : POST

**RPC/CODE Used :**

APPADD^SDEC07

**Api Request Body :**

{

"Patient": "9666000010V138314",

"StartDate": "JAN 18, 2024@15:00",

"EndDate": "JAN 18, 2024@15:30",

"AppointmentDuration": "30",

"ClinicID": "437",

"APPTYPE": "9",

"AppointmentNote": "test appt",

"RequestedBy": "PROVIDER",

"Provider": "15735500"

}

Note: All fields are mandatory when creating an appointment, except for the "Comment" column.

**Response :**

{

"ResponseMessage": "Dental Appointment Created",

"DentalAppointmentIEN": "514",

"DentalRequestIEN": "153955",

"StatusCode": "0"

}

This response returns a JSON message with unique DentalAppointmentIEN values.