# VAPPCT MDWS Map

# Admissions\*

## getAdmissions

### Get selected patient's admissions

# Allergies

## [getAllergies](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getAllergies)

### Get allergies from all connected VistAs

# Anatomic Pathology

## [getCytologyReports](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getCytologyReports)

### Get patient's Cytology lab results.

## [getCytopathologyReports](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getCytopathologyReports)

### Get patient's cytopathology reports.

## [getSurgicalPathologyReports](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getSurgicalPathologyReports)

### Get patient's surgical pathology lab results.

# Blood Bank

## [**getBloodBankReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getBloodBankReports)

### Get patient's blood bank reports.

# Drug Class

# Exams\*

# Health Factors

# Immunizations

## [**getImmunizations**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getImmunizations)

### Get patient's immunizations.

# Lab Tests

## [**getMicrobiologyReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMicrobiologyReports)

### Get patient's microbiology lab results.

## [**getChemHemReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getChemHemReports)

### Get patient's chem/hem lab results.

## [**getChemHemReportsSimple**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getChemHemReportsSimple)

### Get patient's chem/hem lab results. Use 0 for number of results to retrieve all results for the time period.

## [**getElectronMicroscopyReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getElectronMicroscopyReports)

## Get patient's electron microscopy reports.

# Medication,BCMA

## getMedsAdminHx

### Get patient's meds administration history.

## getMedsAdminLog

### Get patient's meds administration log.

These two items are different views of INpatient medication administration. As such, the components of each of these is synonymous with “Medication, BCMA” [BCMA = Bar Code Medication Administration]

One of these views (I’ll check or show you later which) is a reverse chronologic history of all medications administered (medication, dosage, dosage form, time, and initials of the nurse administering it or marking it as “held” or “not given” if appropriate);

The other is a view by medication of when it was given, but I believe that view is restricted to the most recent 7 day period and does NOT look back to any other 7 day period as it set;

The “getUnitDoseMeds” may actually be the underpinning of both of these, or an adjunct. I am not sure, but Unit Dose medications are also INpatient medications only.

# IV Medications

## getIvMeds

### Get IV medications from all connected VistAs

These are special cases and I hadn’t really thought about how they might be separate calls, but we need to capture them. IMO medications are called this because of a strange VistA-ism that we have, which is that Inpatient and Outpatient Medication order dialogs are completely different. In VistA, medications are marked for inpatient, outpatient, or both statuses. Historically, that meant you could not order “Inpatient-only” medications for outpatients, such as things that needed to be injected. But medicine evolved, and now there are many places like the Emergency Room or an Infusion Center where ‘inpatient medications’ are given. The problem in VistA was that inpatient medications needed a location to be routed to, so that there was someone monitoring for new orders, and outpatient medication orders only go to the outpatient pharmacy to be mailed to the patient. The VA solution was to identify certain outpatient areas (one by one, case by case basis) as “IMO clinics”. If clinics are set up as IMO clinics, such as our Hem/Onc-Infusion clinic, then authorized providers can write use the INpatient medication order dialogs and the orders alert INpatient pharmacy and everything gets administered to the patient. In VistA and in CPRS, these medications show up as “Clinic Med Orders”.

IV medications, however, are in their own subpart of the pharmacy package and have always been available for ordering whether the patient is an inpatient or outpatient. On the CPRS Orders tab, they show up separately from “Inpatient Medications” or “Outpatient Medications”. I thought they showed up in the Graphing Tool on which much of my understanding is based regardless. I will obviously have to double-check.

# Medication,Inpatient

# Medication,Outpatient Medication,

## getOutpatientRxProfile

Get patient's outpatient prescription profile.

## getOutpatientMeds

Get outpatient medications from all connected VistAs

Should return similar information, but the question is where are the time elements for the call? The prescription profile may include the standard VistA call which is any medication which has been dispensed in the last 120 days, and in most instances is the profile only from a single VistA system.

The ‘outpatient medications’ may be different. Worth looking into further.

# Non-VA Medicine

## getOtherMeds

### Get non-VA medications from all connected VistAs

This is the only Non-VA med call, I am pretty sure. This is extremely tantalizing because of the “all connected VistAs” notation. If MDWS uses remote data retrieval methods to go to the Health Data Repository by default, this could be extremely powerful.

As you may know, there are 128 separate VistA systems in VA. Almost all of the applications we use (CPRS, BCMA as examples) query only one VistA system at a time. It takes activation of another element to retrieve data from other VistA systems, and the views of that data I may have showed you before or may not have. They are not truly ‘integrated’ with the native view at any one given medical center, even though they are available to the system for display.

## Other Meds calls for reference:

## [**getImoMeds**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getImoMeds)

### Get Inpatient for Outpatient medications from all connected VistAs

## [**getMedicationDetail**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMedicationDetail)

### **Get medication detail from a single connected VistA.**

## [**getMedsAdminHx**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMedsAdminHx)

### **Get patient's meds administation history.**

## [**getMedsAdminLog**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMedsAdminLog)

### Get patient's meds administation log.

## [**getUnitDoseMeds**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getUnitDoseMeds)

### Get unit dose medications from all connected VistAs

# Mental Health

## [getMentalHealthInstrumentResultSet](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMentalHealthInstrumentResultSet)

## [getMentalHealthInstrumentsForPatient](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMentalHealthInstrumentsForPatient)

# Microbiology

## [**getMicrobiologyReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getMicrobiologyReports)

### Get patient's microbiology lab results.

# Notes

## [getNote](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getNote)

### Get a note from a single connected VistA.

## [getNoteTitles](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getNoteTitles)

## [getNotesWithText](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getNotesWithText)

### Get notes with text from all connected VistAs.

## [**getSignedNotes**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getSignedNotes)

## Get signed note metadata from all connected VistAs

## [**getUncosignedNotes**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getUncosignedNotes)

## Get uncosigned note metadata from all connected VistAs

## [**getUnsignedNotes**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getUnsignedNotes)

## Get unsigned note metadata from all connected VistAs

# Orders

## [**getAllOrders**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getAllOrders)

### Get a patient's orders

## [getOrderStatusForPatient](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getOrderStatusForPatient)

## [getOrderableItemsByName](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getOrderableItemsByName)

# Patient Education\*

# Problems

## [**getProblemList**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getProblemList)

### Get problem list from all connected VistAs

# Procedures

## [**getIcdProceduresReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getIcdProceduresReports)

### Get ICD procedure reports from all connected VistAs.

# Purpose of Visit\*

# Radiology Exams

## [**getRadiologyReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getRadiologyReports)

### Get radiology reports from all connected VistAs

# Registration Dx\*

# Registration Op/Proc\*

# Reminder Taxonomy\*

## [**getReminderReportTemplates**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getReminderReportTemplates)

## [**getActiveReminderReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getActiveReminderReports)

## [**getPatientListForReminderReport**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPatientListForReminderReport)

# Skin Tests

# Surgery

## [getSurgeryReportText](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getSurgeryReportText)

## **Get text for a certain surgery report**

## [getSurgeryReports](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getSurgeryReports)

## **Get surgery reports from all connected VistAs**

## [getSurgeryReportsWithText](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getSurgeryReportsWithText)

## **Get surgery reports from all connected VistAs**

## [getSurgicalPathologyReports](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getSurgicalPathologyReports)

## **Get patient's surgical pathology lab results.**

# Visits

## [**getFutureClinicVisitsReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getFutureClinicVisitsReports)

## Get future clinic visits from all connected VistAs.

## [**getPastClinicVisitsReports**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPastClinicVisitsReports)

## Get past clinic visits from all connected VistAs.

## [**getVisits**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getVisits)

## Get selected patient's visits

# Vitals

## [**getLatestVitalSigns**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getLatestVitalSigns)

## Get latest vitals from all connected VistAs

## [**getVitalSigns**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getVitalSigns)

## Get patient's vital signs.

# Other Calls we will use

* [connect](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=connect)

Connect to a single VistA system.

* [login](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=login)

Log onto a single VistA system.

## [**getDemographics**](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getDemographics)

## **Get a patient's demographics**

## [getPatientsByClinic](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPatientsByClinic)

## **Get a list of patients by clinic**

## [getPatientsByProvider](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPatientsByProvider)

## **Get a list of patients by provider**

## [getPatientsBySpecialty](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPatientsBySpecialty)

## **Get a list of patients by specialty**

## [getPatientsByTeam](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPatientsByTeam)

## **Get a list of patients by team**

## [getPatientsByWard](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=getPatientsByWard)

## **Get a list of patients by ward**

## [mpiLookup](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=mpiLookup)

## **Find a patient in the MPI**

## [nptLookup](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=nptLookup)

## **Find a patient in the NPT**

## [patientInquiry](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=patientInquiry)

## **Make a patient inquiry call (address, contact numbers, NOK, etc. information)**

## [select](http://mdws.vainnovation.us/mdws2/EmrSvc.asmx?op=select)

## **Select a patient at logged in site.**