

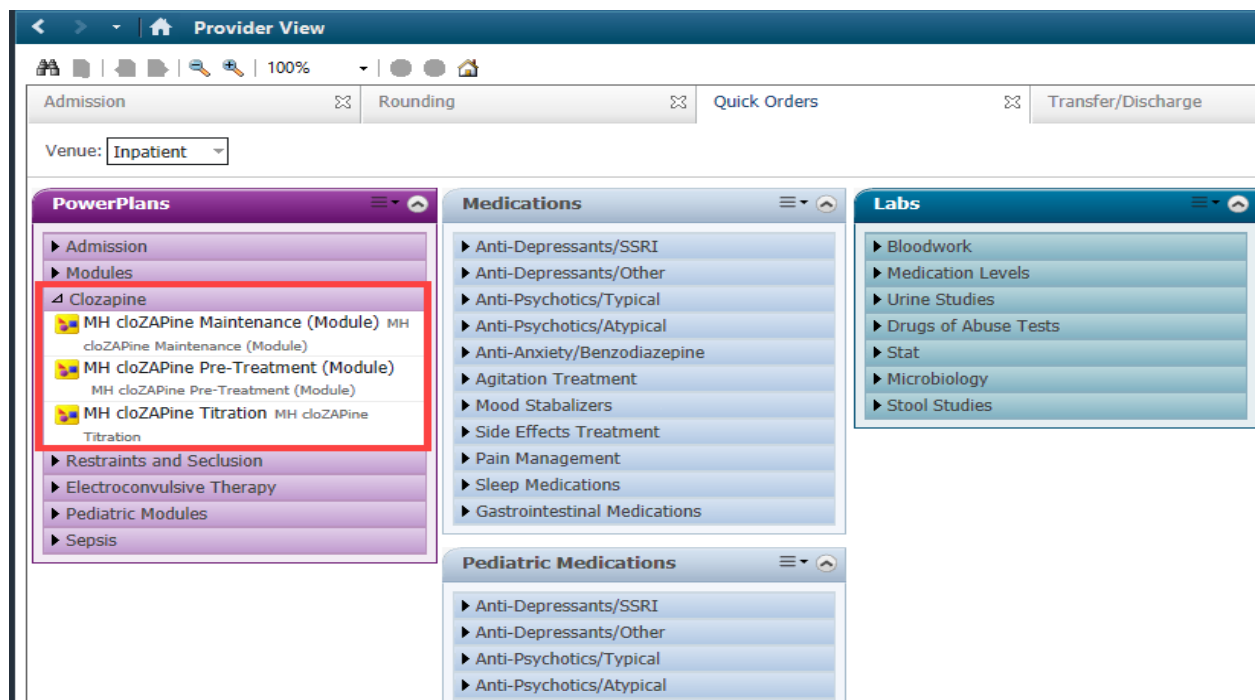
## Mental Health: Clozapine Registration Tracking for Psychiatrist, Unit Clerk and Pharmacist

### Clozapine Starts and Restarts:

Once the decision is made to either start or restart a patient on Clozapine, there are steps within the Clinical Information System (CIS) that need to occur.

#### Provider:

1. Order the Clozapine PowerPlan that is most appropriate for your patient. There are several **MH Clozapine PowerPlans** available in the system.
  - **MH cloZAPine Pre-Treatment (Module):** Includes orders for baseline assessment and suitability for clozapine. It includes a Consult to Pharmacy order which can be modified to specify a certain brand of Clozapine.
  - **MH cloZAPine Titration:** Includes options for pre-planned or custom titration orders upon completion of pre-treatment assessment and Consult to Pharmacy order to confirm registration and dosing.
  - **MH cloZAPine Maintenance (Module):** Used to continue a previously ordered dose from the community or a different facility. Includes Consult to Pharmacy to ensure the clozapine registration number is entered into the system.



- Consult with the Pharmacist to determine the brand and dosage to be ordered within the appropriate PowerPlan.

The Pharmacist will complete the investigation with the clozapine manufacturer and input this information into the CIS.

- Confirm current clozapine registration with pharmacy.
- Place the **MH cloZAPine Titration** PowerPlan, select the determined brand of Clozapine and your desired titration plan.
  - A standard and custom titration plan is available. If the custom titration option is selected, modify each order for the 14-day titration pathway

**MH clozapine Titration (Planned Pending)**

**Patient Care**

- ☒ Please ensure clozapine pre-treatment module has been ordered prior to initiating titration
- ☒ Clozapine Notification
- ☒ Orthostatic Vital Signs qdaily
- ☒ Communication Order Monitor signs and symptoms of infection and myocarditis
- ☒ Weight qweek
- ☒ Waist Circumference q4week

**Medications**

- ☒ Please select only one clozapine order
- ☒ For Prefilled clozapine Titration (reaching 100 mg in 10 days), select one of MH clozapine (APO or AA PHARMA) (Prefilled), MH clozapine (GENPHARMA or MYLAN) (Prefilled) or MH clozapine (NOVARTIS or HLS) (Prefilled) Order Set for the 10-day titration pathway
  - ☐ MH clozapine (APO or AA PHARMA) (Prefilled) (Module)
  - ☐ MH clozapine (APO or AA PHARMA) (Prefilled) (Mod...
  - ☐ MH clozapine (GENPHARMA or MYLAN) (Prefilled) (Module)
  - ☐ MH clozapine (GENPHARMA or MYLAN) (Prefilled) (...)
  - ☐ MH clozapine (NOVARTIS or HLS) (Prefilled) (Module)
  - ☐ MH clozapine (NOVARTIS or HLS) (Prefilled) (Module)
- ☒ For Custom clozapine Titration, select one of MH clozapine (APO or AA PHARMA) (Custom), MH clozapine (GENPHARMA or MYLAN) (Custom) or MH clozapine (NOVARTIS or HLS) (Custom) Order Set for the 14-day titration pathway
  - ☐ MH clozapine (APO or AA PHARMA) (Custom) (Module)
  - ☐ MH clozapine (APO or AA PHARMA) (Custom) (Mod...
  - ☐ MH clozapine (GENPHARMA or MYLAN) (Custom) (Module)
  - ☐ MH clozapine (GENPHARMA or MYLAN) (Custom) (...)
  - ☐ MH clozapine (NOVARTIS or HLS) (Custom) (Module)
  - ☐ MH clozapine (NOVARTIS or HLS) (Custom) (Module)

**Laboratory**

- ☒ Differential (CBC and Differential) Blood, Routine, Collection: T;N, qweek for 26 week
- ☒ C-Reactive Protein High Sensitivity Blood, Routine, Collection: T;N, qweek for 4 week
- ☒ Troponin I Cardiac Blood, Routine, Collection: T;N, qweek for 4 week

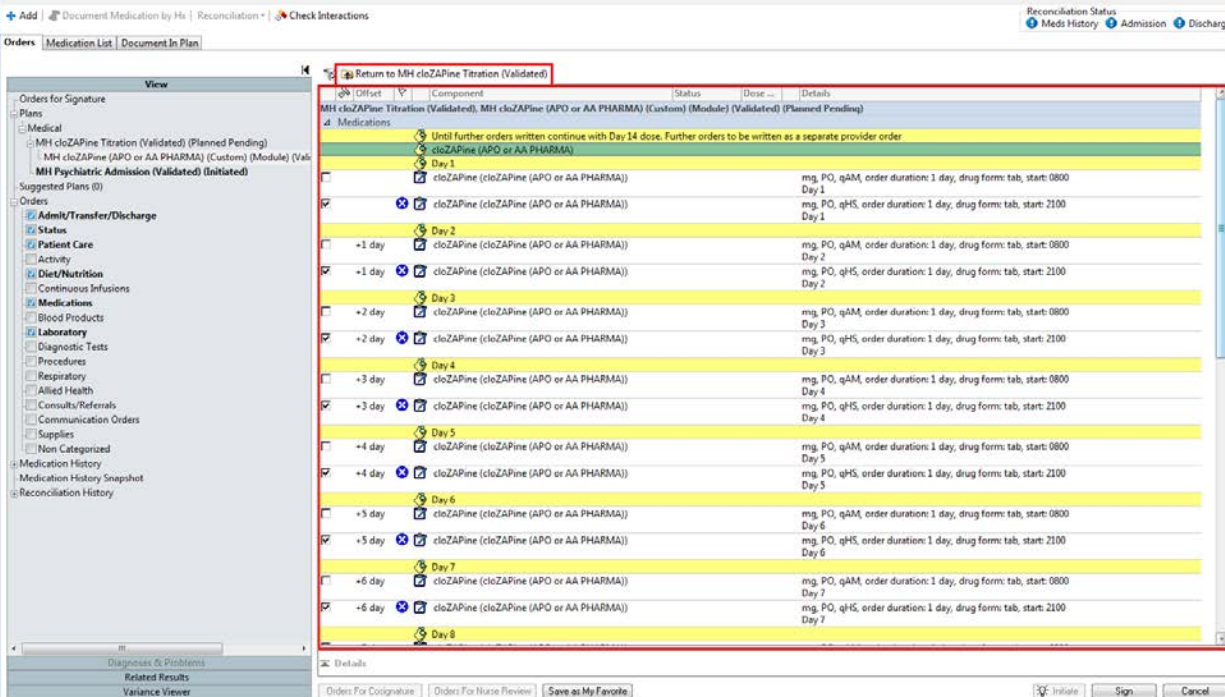
**Consults/Referrals**

- ☐ IP Consult to Pharmacy Reason for Consult: Other – per Details, clozapine initiation. Please complete registration form

**Details**

Orders For Cosignature    Orders For Nurse Review    Initiate Sign Cancel

- Select an AM and/or a PM dose for each day. Note that PM doses are preselected
- Once all doses have been selected, return to the PowerPlan by clicking **Return to MH clozapine Titration**




**Return to MH clozapine Titration (Validated)**

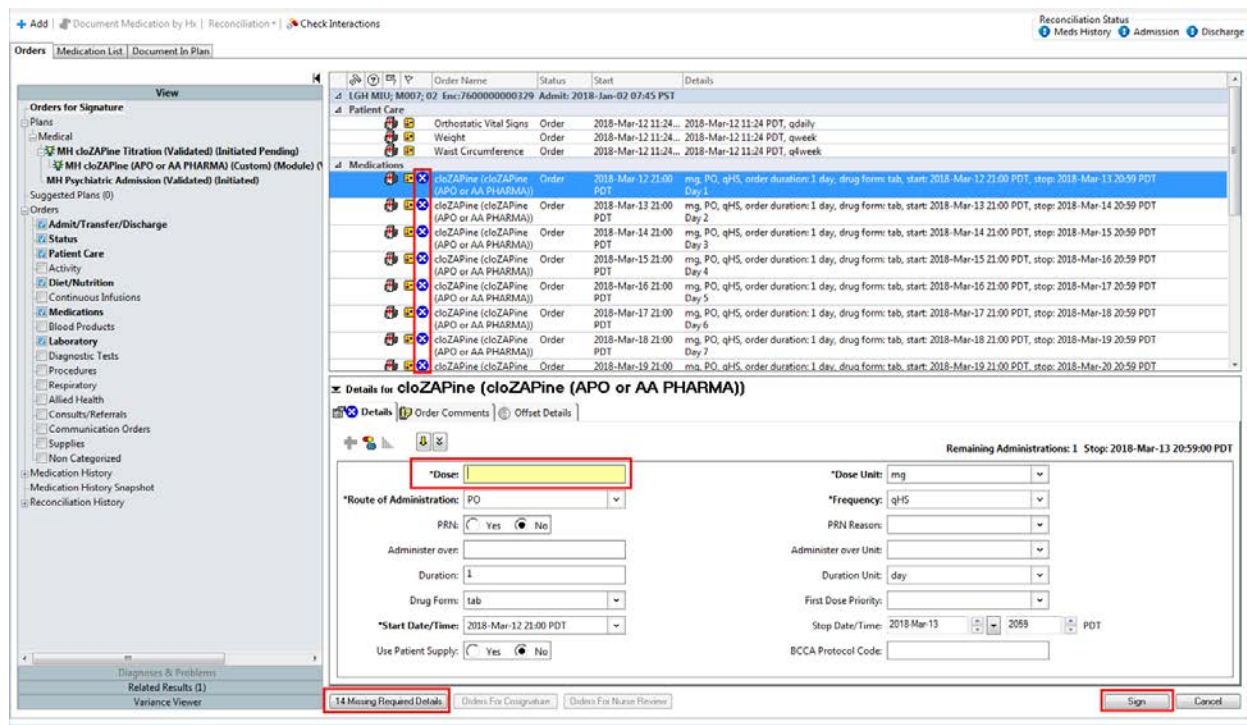
Offset	Component	Status	Dose	Details
MH clozapine Titration (Validated), MH clozapine (APO or AA PHARMA) (Custom) (Module) (Validated) (Planned Pending)				
d. Medications				
Until further orders written continue with Day 14 dose. Further orders to be written as a separate provider order				
<b>Day 1</b>				
	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 1
	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 1
+1 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 2
+1 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 2
<b>Day 3</b>				
+2 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 3
+2 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 3
<b>Day 4</b>				
+3 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 4
+3 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 4
<b>Day 5</b>				
+4 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 5
+4 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 5
<b>Day 6</b>				
+5 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 6
+5 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 6
<b>Day 7</b>				
+6 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qAM, order duration: 1 day, drug form: tab, start: 0800	Day 7
+6 day	clozapine (clozapine (APO or AA PHARMA))		mg, PO, qHS, order duration: 1 day, drug form: tab, start: 2100	Day 7
<b>Day 8</b>				

Diagnoses & Problems  
Related Results  
Variance Viewer

Orders For Co-signature Orders For Nurse Review Save as My Favorite

Initiate Sign Cancel

- Select any additional orders as needed from the PowerPlan
- Review all selected orders and **Initiate** the PowerPlan and select **Orders for Signature**
- Click the missing details button  to move through all the required fields and modify with the correct dose for that day



The screenshot displays the 'Orders' section of the software, specifically the 'Medications' tab. A list of orders for 'clozapine (clozapine (APO or AA PHARMA))' is shown. The 'Details' section for a selected order is expanded, showing various fields for configuration. A red box highlights the 'Dose' field, which is currently empty. Another red box highlights the 'Sign' button at the bottom right of the interface.

- Review orders and click **Sign** once completed

5. At the end of the titration schedule, decide whether the therapeutic Clozapine dose has been achieved. If not, reorder the MH Clozapine Titration PowerPlan. Otherwise, order the MH Clozapine Maintenance PowerPlan.

## Continuing Clozapine during Admission Medication Reconciliation

It is not possible to continue Clozapine orders in the Admission Medication Reconciliation. If attempted, the system will provide Possible Conversions equivalent to the order.

**IMPORTANT:** In the Possible Conversions for the Clozapine order, do **NOT** select **Non Formulary**

The screenshot displays the 'Admission Medication Reconciliation' interface for a patient named Vicky. The patient's information includes DOB: 1975-Jan-14, MRN: 760000329, and Location: LGH MIU: M007: 02. The interface is divided into two main sections: 'Orders Prior to Reconciliation' and 'Orders After Reconciliation'.

In the 'Orders Prior to Reconciliation' section, a list of medications is shown. The 'clozapine (clozapine 100 mg oral tablet)' is highlighted with a red box, indicating it is the medication being reconciled. Other medications listed include citalopram, HYDROMORPHONE (HYDROMORPHONE PRN range dose), ibuprofen, loxapine, ranitidine, and salbutamol.

The 'Convert to Inpatient Medication' dialog box is open, showing 'Orders to Convert' and 'Available' options. The 'Available' section lists 'Possible Conversions for: clozapine 100 mg oral tablet'. The 'Best Match(es)' section shows 'ARIPiprazole' as the recommended conversion. The 'Non Formulary' section is also visible, but it is not selected, as indicated by the red box around the 'Non Formulary' label.

At the bottom of the dialog box, there is a 'Cancel' button.

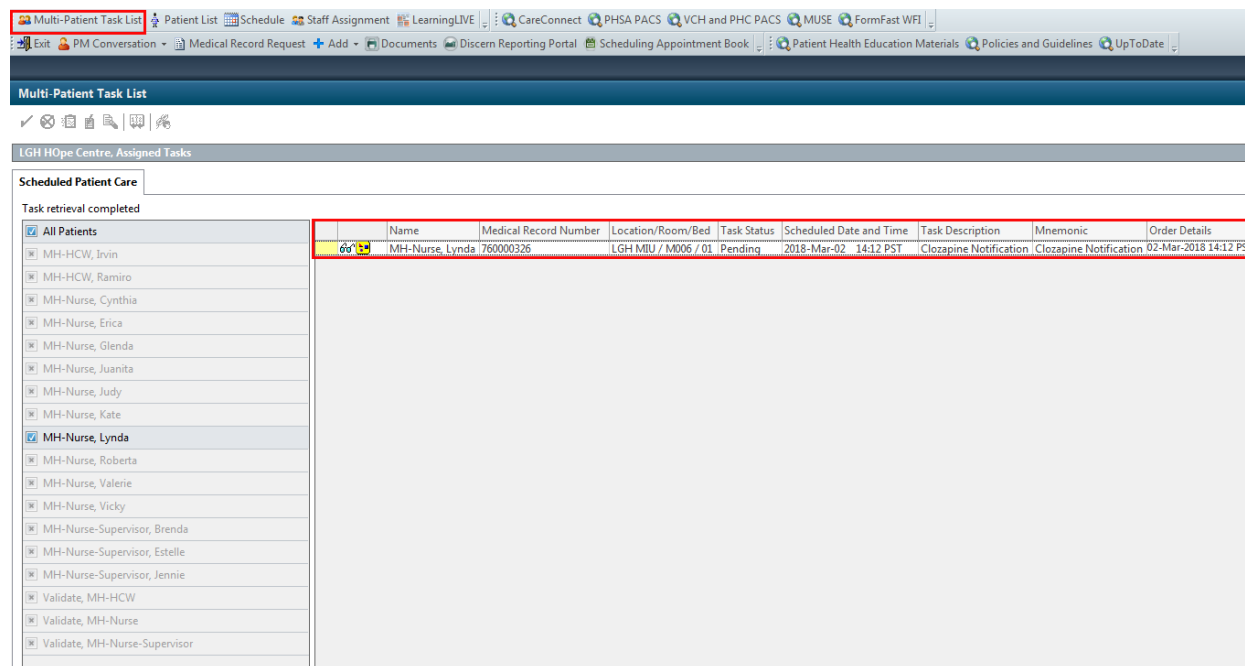
1. Select **Discontinue**
2. Click **+Add**
3. Search **MH cloZAPine Maintenance PowerPlan** and complete the PowerPlan as needed (see Clozapine Starts and Restarts section above)

The screenshot displays the 'Order Reconciliation: Admission - MH-Nurse, Vicky' window. The patient information at the top includes: MH-Nurse, Vicky, DOB: 1975-Jan-14, MRN: 760000329, Code Status: Attempt CPR, Full Code, Process: Location: LGH MIU; M007; 02, Age: 43 years, Enc: 760000000329, Disease: Enc Type: Inpatient, Gender: Female, PHN: 10760000329, Dosing: Wt: 75 kg, Allergies: Peanuts, Isolation: Attending: Train, Psychiatrist-Physician3... The 'Add' button is highlighted with a red box. Below the patient information, there are two tables: 'Orders Prior to Reconciliation' and 'Orders After Reconciliation'. The 'Orders Prior to Reconciliation' table lists various medications with their status (Ordered, Documented) and a 'Discontinue' button (a circle with a cross) highlighted with a red box. The 'Orders After Reconciliation' table is empty. A search window is open, showing the search results for 'MH cloZAPine Maintenance (Module) (Validated)'. The search results list several options, with 'MH cloZAPine Maintenance (Module) (Validated)' highlighted with a red box. The search window also shows a search bar with 'clozap' and a 'Done' button at the bottom right.

## Unit Clerk:

Clozapine Titration and Maintenance PowerPlan orders will trigger a task to the Unit Clerk's **Multi-Patient Task List** (MPTL). This task is an indicator that the patient is being started on Clozapine, which will require regular lab work routinely printed and faxed to the appropriate clozapine registry.

**IMPORTANT:** Do not let this task fall off your task list. Have it stay in the MPTL as a reminder to perform your Clozapine-related tasks.



Multi-Patient Task List

Exit PM Conversation Medical Record Request Add Documents Discern Reporting Portal Scheduling Appointment Book Patient Health Education Materials Policies and Guidelines UpToDate

Multi-Patient Task List

LGH Hope Centre, Assigned Tasks

Scheduled Patient Care

Task retrieval completed

Name	Medical Record Number	Location/Room/Bed	Task Status	Scheduled Date and Time	Task Description	Mnemonic	Order Details
MH-Nurse, Lynda	760000326	LGH MIU / M006 / 01	Pending	2018-Mar-02 14:12 PST	Clozapine Notification	Clozapine Notification	02-Mar-2018 14:12 PST

**NOTE:** You may notice that you have two Clozapine tasks for the same patient. This may be because a new MH CloZAPine PowerPlan is ordered. Should this occur, chart the older task as done. The newer Clozapine task then will serve as your reminder.



**NOTE:** You may notice that you have two Clozapine tasks for the same patient. This may be because a new MH CloZAPine PowerPlan is ordered. Should this occur, chart the older task as done. The newer Clozapine task then will serve as your reminder.

## Pharmacist:

Clozapine Pre-Treatment PowerPlan orders trigger (if left selected) a consult to Pharmacy.

1. Locate the consult in the Pharmacy Care Organizer.



Task Edit View Patient Chart Links Notifications Navigation Help

PPM Clinical Worklist Message Centre Pharmacy Care Organizer Ambulatory Organizer Pharmacy Oncology Appointment List MyExperience Patient List Multi-Patient Task List Track

Exit AdHoc Medication Administration PM Conversation Communicate Add Medication Manager Charge/Credit Entry Discern Reporting Portal iAware Scheduling Ag

Patient Health Education Materials Policies and Guidelines UpToDate

### Pharmacy Care Organizer

Patient Organizer Worklist

Patient List: LGH HOpe Centre List Maintenance Establish Relationships

Patient	Location	Ht/Wt/SCr	Visit	A	M	U	M	C	D	P
*MH-Nurse, Vicky 43 yrs F DOB: Jan 14, 1975 MRN: 7600000329 FIN: 7600000000329	LGH MIU M007 - 02	75 kg 60 umol/L CrCl: 126.54 mL/min BSA: 1.9 m2	Length of Stay: 2 months 1 week Admit Date: Dec 28, 2017 Anticipated Discharge Date: --	3	1	3	--	1	2	1
*Validate, MH-HCW 55 yrs M DOB: Jan 17, 1963 MRN: 7600000664 FIN: 7600000000664	LGH MIU MIUL - 01	75 kg 60 umol/L CrCl: 130.45 mL/min BSA: 1.9 m2	Length of Stay: 2 months Admit Date: Jan 2, 2018 Anticipated Discharge Date: --	3	1	1	--	Consult Orders IP Consult to Pharmacy		
*Validate, MH-Nurse 43 yrs F DOB: Jan 14, 1975 MRN: 7600000665 FIN: 7600000000665	LGH MIU MIUL - 02	75 kg 60 umol/L CrCl: 126.54 mL/min BSA: 1.9 m2	Length of Stay: 2 months Admit Date: Jan 2, 2018 Anticipated Discharge Date: --	3	1	--	--	--	--	--
*Validate, MH-Nurse-Supervisor 43 yrs F DOB: Jan 14, 1975 MRN: 7600000666 FIN: 7600000000666	LGH MIU MIUL - 03	75 kg 60 umol/L CrCl: 126.54 mL/min BSA: 1.9 m2	Length of Stay: 2 months Admit Date: Jan 2, 2018 Anticipated Discharge Date: --	3	1	--	--	--	--	1

- Open the patient's chart to then navigate to the **Single Patient Task List**. View the consult under **Active Consults** tab.

Task Edit View Patient Chart Links Notifications Task List Options Help

PPM Clinical Worklist Message Centre Pharmacy Care Organizer Ambulatory Organizer Pharmacy Oncology Appointment List MyExperience Patient List Multi-Patient Task L

Tear Off Exit AdHoc Medication Administration PM Conversation Communicate Add Medication Manager Charge/Credit Entry Discern Reporting Portal iA

Patient Health Education Materials Policies and Guidelines UpToDate

**MH-Nurse, Vicky**

**MH-Nurse, Vicky** DOB:1975-Jan-14 MRN:7600000329 Code Status:Attempt CPR, Full Code

Allergies: Peanuts Age:43 years Enc:7600000000329 Dosing Wt:75 kg

Gender:Female PHN:10760000329

**Single Patient Task List**

2018-March-07 06:30 Wednesday PST - 2018-March-07 19:45

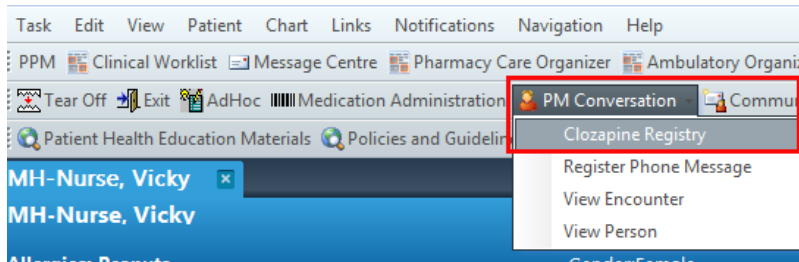
Clinical Pharmacy **Active Consults** Completed

Task retrieval completed

	Financial Number	Scheduled Date and Time	Task Description	MNEMONIC	Order Details	Task Status
	7600000000329	2018-Mar-07 13:28 PST	Consult to Pharmacy	IP Consult to Pharmacy	2018-Mar-07 13:28 PST, Reason for Consult: Other per Details, cloZAPine ini...	Pending



3. Off the system, complete your consult which may include investigating the patient's Clozapine registration status and finding the most appropriate Clozapine brand.
4. Launch the **Clozapine Registry** PM Conversation.



5. If the patient has an active registration, ensure the correct information is entered and update the **Last Updated** date. If there is no information listed, contact the clozapine manufacturer/registry to obtain the registration number and enter it in the system.

A screenshot of the 'Clozapine Registry' form. The form contains fields for patient information: Medical Record Number (760000329), Encounter Number (760000000329), Last Name (MH-NURSE), First Name (VICKY), Middle Name, Preferred Name, Previous Last Name (MH-NURSE), Date of Birth (1975-Jan-14), Age (43Y), Gender (Female), and BC PHN (0760000329). Below these fields is a section titled 'ALERT: Registry Information' which is highlighted with a red box. This section contains three rows of 'Clozapine Registry Info' with fields for Manufacturer, Clozapine Registration Number, and Last Updated. At the bottom of this section is a 'Comment' field and a 'Clozapine Update User Name' field (TestMH, Nurse-MH). The form has 'OK' and 'Cancel' buttons at the bottom right. The status bar at the bottom shows 'Ready' and 'BUILDBC: TEST.PHARMACIST 2018-Mar-06 14:55'.

6. Notify the Provider of the results in preparation for Clozapine orders to be placed.
7. Mark the consult as complete.

## Related Topics

- PowerPlans
- Reviewing Consults
- PM Conversation
- Medication Reconciliation

## Related Positions

- Provider
- Unit Clerk
- Pharmacist

## Key Words

- Clozapine