

COMMUNITY MED TAB – DIS USERS GUIDE

An overview of the Drug Information System for SHARE users. This document contains key information that users should review before accessing the Community Med Profile tab in SHARE



Province of Nova Scotia
Department of Health
and Wellness

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EDUCATION PREREQUISITES

Before accessing the DIS Portal through the Community Med Profile Tab in SHARE please ensure that the following has been completed:

COMPLETE

- **DIS Module 3: Privacy and Access**
<http://novascotia.ca/dhw/ehealth/DIS/modules/DIS-ED-Module-03/ED-Module-03.html>

REVIEW

- **SHARE Community Med Profile video demonstration**
<http://novascotia.ca/dhw/ehealth/DIS/education-training-materials-SHARE.asp>
- **Community Med Profile Pocket Guide**
- **Community Med Profile Tab – DIS Users Guide** (*this document*)

GETTING HELP

Throughout the Drug Information System, you will see question mark (?) icons on various screens and headings. Clicking the question mark will bring you to the Help feature of that particular screen.

**Support for the Drug Information System (DIS) is provided by NSHA Health IM/IT .
When you call for support, the phone will be answered 'NSHA Service Desk'.**

What to Say When You Call:

- Say that you have a question about the **Drug Information System Portal** (they need to know that you are calling specifically about the Drug Information System Portal)
- Give them your name and telephone number where you can be reached

Support Hours:

The Drug Information System (DIS) is supported by a team of clinical application specialists at the NSHA Service Desk.

- The NSHA Service Desk is open to log calls for the Support Team 24/7/365
- The DIS Support Team's hours of operations are:
 - **Monday to Friday, 8:00am – 4:00 pm**

SHARE Downtime:

If the Drug Information System is down unexpectedly, a notice will appear on the DIS Portal Login screen.

The maintenance window for the Drug Information System (DIS) is **Thursdays** from **12:30 am - 8:00 am**. The DIS may be unavailable during this time.

NSHA Service Desk - Phone Number:

1-866-224-2555*

*NSHA Central Zone users (CDHA Domain): **Contact Central Zone HelpDesk at 902-473-3399**

PRIVACY & CONSENT: WHAT YOU NEED TO KNOW

The *Personal Health Information Act (PHIA)* sets out the requirements for privacy and consent regarding the collection, use and disclosure of personal health information.

All information in an individual's Drug Information System profile is considered to be personal health information.

CONSENT

Knowledgeable implied consent is consent that can be assumed through an individual's actions.

Express consent occurs when an individual explicitly gives you permission to do something. Can be given:

- ▶ In writing – like signing a consent form
- ▶ Verbally – like saying: “Yes, you can look up my information on your computer.”

You can rely on Knowledgeable Implied Consent when:

- 1) Your hospital or clinic has posted the appropriate notice to the public as required under PHIA
- 2) It is reasonable to believe that the individual understands what is in the notice
- 3) You are within the individual's circle of care (i.e. s/he is a patient of your hospital or clinic); and
- 4) You are accessing or using this personal information for the purpose it was collected – to provide or manage patient care.

You need Express Consent when:

- 5) You wish to view the profile of an individual who is not a patient of your hospital or clinic and you are not within the individual's circle of care (i.e. merely viewing their information).
- 6) You want to access an individual's masked profile.



You can also rely on knowledgeable implied consent to disclose information from a medication profile to another health care provider if the 4 statements to the left are true and if the other provider is also within the individual's circle of care. However, you must validate the identity of the provider and ensure that the individual is under their care



LOGGING IN TO THE DRUG INFORMATION SYSTEM

You will need to logon to the DIS. You will use your **NS Health** username and password, also known as Active Directory. This username and password may be different than your SHARE username and password.

Enter your domain, followed by a backslash (\) and then your username.

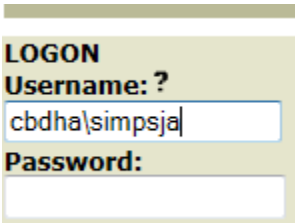
If you work in a hospital, your domain is likely the former health authority prior to the DHA amalgamation. For example, “cdha” for Capital Health, “swdha” for South West District Health Authority,” or “cbdha” for Cape Breton District Health Authority.

If you work in the community, your domain is likely “nshealth.”

Examples of domains and usernames that you would enter to log in are:

nshealth\username
cdha\username

For example, Jane Simpson’s NS Health id is “simpsja” and her DHA was CBDHA. She would enter her user ID as CBDHA\simpsja.



The screenshot shows a login form titled "LOGON". It has two input fields: "Username: ?" containing the text "cbdha\simpsja" and "Password:" which is currently empty.

Once you have entered your domain and username, enter your password and click Logon.

Please note that if you enter your password incorrectly three or more times, you may be locked out of your account. In that case, you will need to contact the **Service Desk** at **1-866-224-2555** so they can unlock your account or reset your password. When choosing a new password, most special characters will not be accepted.

Once you successfully logon, you will be presented with the patient you selected through SHARE on the Client Profile Screen.

Logout of both the DIS Portal and the SHARE Clinical Portal when you are finished looking up you patients’ DIS profiles.

MASKING

Purpose: Under the *Personal Health Information Act (PHIA)*, patients have the right to mask their DIS profile. This means that they can limit who has access to their DIS information until consent is given or until there is an emergency situation. However, patients are not able to prevent their information from going to the DIS.

The screenshot shows a patient profile for JAMES H LYND SAY. The profile is titled "Client Profile(CP900) - NS-HCN: 888888876 - JAMES H LYND SAY". Below the title is a "Vital Statistics" section with fields for Name, Gender, Date of Birth, and Date of Death. A red error message states: "* AN ERROR OCCURRED - ERROR DETAILS: PATIENT PROFILE IS MASKED *". Below this is a "Prescriptions (0)" table with columns for Rx ID, Medication, Prescribed Date, Last Pickup Date, Remaining Refills, Remaining Quantity, Prescribed By, Issues, and Notes. A dialog box is overlaid on the "Other Medications (0)" section, asking "Profile Masked. Proceed to override?". The dialog has an "Override:" dropdown menu and "Ok" and "Cancel" buttons.

How to recognize a masked profile:

A masked profile displays a box asking if you wish to proceed to override. To proceed click the down arrow in the *Override* field and choose either **Emergency** or **Professional Judgment**.

Key Points:

- All Nova Scotia residents have the right to request masking of their DIS profile.
- All masked profiles that are accessed will be subject to audit.
- There are two situations where a masked record can be accessed:
 1. Express Consent: when the patient gives explicit consent to a healthcare provider to access their information.
 2. Emergency situation: when the patient is in need of healthcare and accessing the Drug Information System will avert or minimize an imminent and significant danger to the health or safety of a patient. This is intended for using in emergency situations so hospital emergency departments can access the Drug Information System medication profile.
- If a patient does not allow you to access their masked profile you have the discretion to refuse to provide service.

Client (Patient) Profile

Purpose: The Client profile screen provides a list of “active” clinical records that have been recorded in the Drug Information System for:

- Prescriptions
- Other Medications
- Conditions
- Allergies/Intolerance
- Adverse Reactions

Once you log on to the DIS from SHARE, you will be presented with the Client Profile screen. To view a different client, go back to SHARE and search for you client.

Note: Not all clients will have a DIS client profile. Only individuals that have had a prescription filled at a community pharmacy connected to the DIS will have a client profile.

Client Profile(CP900) - NS-HCN: 0350051430 - PATRICIA W CLARK									
Vital Statistics									
Name	PATRICIA W CLARK								
Gender	Female								
Date of Birth	1949-09-02								
Date of Death									
Patient Profile									
Prescriptions (5)									
Rx ID	Medication	Prescribed Date	Last Pickup Date	Last Quantity Picked Up	Remaining Quantity	Prescribed By	Issues	Notes	
2891	NOVAMOXIN 250 MG SWALLOW, ORAL Take 1 capsule 3 times a day for 10 days	2015-06-05			30 CAPSULE	Cindy Louise MARSHALL	Yes	No	
2413	TEVA-OMEPRAZOLE 20 MG SWALLOW, ORAL 1 tab once day	2015-03-28			30 TABLET	Ming Chen	Yes	No	
2409	APO-ATENOL 50 MG SWALLOW, ORAL 1 tab once day	2015-01-07	2015-03-28	10 TABLET	20 TABLET	Angela McGee	Yes	No	
2405	APO-LISINAPRIL 5 MG SWALLOW, ORAL 1 tab once a day	2015-01-07	2015-03-28	30 TABLET	60 TABLET	Angela McGee	Yes	No	
2403	APO-HYDRO 25 MG SWALLOW, ORAL 1 tab once a day	2015-01-07	2015-05-28	30 TABLET	60 TABLET	Angela McGee	Yes	No	
Other Medications (1)									
Medication	Start Date	End Date	Issues	Notes	Conditions (2)				
ASPIRIN 81 MG SWALLOW, ORAL	2013-11-01	2999-01-01	Yes	No	Condition				
					CHRONIC OBSTRUCTIVE PULMONARY DISEASE, UNSPECIFIED	2013-09-14		Yes	
					TYPE 2 DIABETES MELLITUS WITH OTHER SPECIFIED KIDNEY COMPLICATION NOT ELSEWHERE CLASSIFIED	2013-01-22		Yes	
Allergies/Intolerances (1)									
Substance	Type	Start Date	Severity	Notes					
PENICILLIN G SODIUM 1MM UNIT INJECTION	DRUG ALLERGY	2014-05-20	MODERATE	Yes					
Adverse Reactions (1)									
Reaction	Reaction Onset Date	Severity	Notes						
Hives, Shortness of Breath	2014-05-20	MODERATE	No						

Prescriptions:

Rx ID	Medication	Prescribed Date	Last Pickup Date	Last Quantity Picked Up	Remaining Quantity	Prescribed By	Issues	Notes
2891	NOVAMOXIN 250 MG SWALLOW, ORAL Take 1 capsule 3 times a day for 10 days	2015-06-05			30 CAPSULE	Cindy Louise MARSHALL	Yes	No

For display in the Prescription section of the client profile, “current” is described as, the prescription record has a status of “active”; or the prescription record has a status of “completed” or “obsolete” and has been dispensed within the last 90 days; or the prescription record has a status of “completed” or “obsolete”, dispensed outside the period, but the days’ supply falls within the last 90 days. All “current” prescriptions are *displayed*. To view all the prescriptions for this patient, select the **magnifying glass** to the right on the **Prescriptions** bar

Other Medications:

Medication	Start Date	End Date	Issues	Notes
ASPIRIN 81 MG SWALLOW, ORAL	2013-11-01	2999-01-01	Yes	No



For display on the Other Medications section of the Client Profile, “active” records are defined as those records where there either is no “End Date” value associated with the other medication, or if an “End Date” exists, the date falls after the date the patient profile is being viewed (today’s date). Only the most recent 5 active records *are displayed*. To view all “Other Medications” for this patient, select the **magnifying glass** to the right on the **Other Medications** bar.

Conditions

Condition	Start Date	End Date	Notes
CHRONIC OBSTRUCTIVE PULMONARY DISEASE, UNSPECIFIED	2013-09-14		Yes



For display on the Conditions section of the Client Profile, “active” records are defined as those records where there either is no “End Date” value associated with the condition, or if an “End Date” exists, the date falls after the date the patient profile is being viewed (today’s date). Only the most recent 5 active records are displayed. To view all the conditions for this patient, click the **magnifying glass** search icon to the right of the **Conditions** section on the profile.

Allergies/Intolerances

Allergies/Intolerances (1)  				
Substance	Type	Start Date	Severity	Notes
PENICILLIN G SODIUM 1MM UNIT INJECTION	DRUG ALLERGY	2014-05-20	MODERATE	Yes

For display on the Allergies/Intolerance section of the Client Profile, “active” records are defined as records that do not have a status of completed. Only the most recent 5 active records are displayed. All Allergies/Intolerance records can be viewed by clicking the **magnifying glass** search icon to the right of the **Allergies/Intolerances** section on the profile

Adverse Reaction

Allergies/Intolerances (1)  				
Substance	Type	Start Date	Severity	Notes
PENICILLIN G SODIUM 1MM UNIT INJECTION	DRUG ALLERGY	2014-05-20	MODERATE	Yes

For display on the Adverse Reaction section of the Client Profile, “active” is defined as all Adverse Reactions that are on the Patient’s profile. Only 5 reactions will be displayed on the Patient’s Profile. Click the **magnifying glass** search icon to the right of the Adverse Reactions section on the profile to see all the reactions on the Patient’s profile.

NAVIGATION OVERVIEW

Purpose: To learn about DIS screens and how to access information in the DIS.

1. Portal Menu

Always displays at the left side of every screen.

Example: Portal Menu on Patient Profile

The screenshot shows the 'Client Profile(CP900) - NS-HCN: 0350050534 - PATRICIA S CLARK' page. The Portal Menu on the left is highlighted with a red border. The main content area includes Vital Statistics, Prescriptions (6), and Other Medications (1).

Vital Statistics			
Name	PATRICIA S CLARK		
Gender	Female		
Date of Birth	1948-08-08		
Date of Death			

Prescriptions (6)			
Rx ID	Medication	Prescribed Date	Last Pi Date
1008	LANTUS 100/ML INJECTION, SUBCUTANEOUS 20 units at bedtime	2014-08-01	2014-08-
1006	APO-ATENOL 50 MG SWALLOW, ORAL 1 tab once a day	2014-07-05	2014-07-
994	APO-TRAZODONE 50 MG SWALLOW, ORAL 1 tab at bedtime	2014-05-06	2014-05-
990	APO-LISINOPRIL 5 MG SWALLOW, ORAL 1 tab once a day	2014-05-06	2014-05-
986	APO-HYDRO 25 MG SWALLOW, ORAL 1 tab once a day	2014-05-06	2014-05-
982	APO-METFORMIN 500 MG SWALLOW, ORAL 2 tabs 3 times per day	2014-05-06	2014-05-

Other Medications (1)					
Medication	Start Date	End Date	Issues	Notes	
ASPIRIN 81 MG SWALLOW, ORAL	2014-08-07	2014-11-01	No	No	

Key Points:

- Portal menu choices are dependent on the screen that is open.
- To open an item on the Portal Menu click on it. A summary screen opens.
- All items on the Patient Profile screen can also be accessed from the **Clinical** section of the Patient Profile Portal Menu. An example is **Prescriptions** (circled in blue on the *Patient Profile* screen and *Patient Profile Portal Menu*).

2. Title Bar

- All screens have a **title bar** at the top.
- The left side of the title bar displays the screen name and screen number, patient health card number and patient name.
- The **Help** icon (**question mark**) displays at the far right of the title bar.
- When you report an issue to the Help Desk you will be asked for the screen name and number (i.e. Client Profile CP900).

Example: Client Profile screen title bar

The screenshot shows the title bar of the Client Profile screen, which is highlighted with a red border. The title bar text is "Client Profile(CP900) - NS-HCN: 0350050534 - PATRICIA S CLARK" followed by a question mark icon. Below the title bar, the "Vital Statistics" section is visible, showing patient information: Name (PATRICIA S CLARK), Gender (Female), Date of Birth (1948-08-08), and Date of Death. Below this is the "Prescriptions (6)" section, which is a table with columns: Rx ID, Medication, Prescribed Date, Last Pickup Date, Remaining Refills, Remaining Quantity, Prescribed By, Issues, and Notes. The first row shows Rx ID 1008, Medication LANTUS 100/ML INJECTION, SUBCUTANEOUS, Prescribed Date 2014-08-01, Last Pickup Date 2014-08-02, Remaining Refills 0, Remaining Quantity 0, Prescribed By Eva Silva, Issues No, and Notes No. Below the table, it says "20 units at bedtime".

Rx ID	Medication	Prescribed Date	Last Pickup Date	Remaining Refills	Remaining Quantity	Prescribed By	Issues	Notes
1008	LANTUS 100/ML INJECTION, SUBCUTANEOUS	2014-08-01	2014-08-02	0	0	Eva Silva	No	No

3. Help Icon




- The Help feature provides further information on a particular screen.
- To access Help click the question mark at the far right side of the window's title bar.


4. Patient Profile Icons

There are two icons on the right side of the title bar of each section of the Patient Profile.

Example: See red box below

Conditions (4)			
Condition	Start Date	End Date	Notes
GASTRO-OESOPHAGEAL REFLUX DISEASE WITHOUT OESOPHAGITIS	2014-06-06		Yes
CHRONIC OBSTRUCTIVE PULMONARY DISEASE, UNSPECIFIED	2013-09-14		Yes
HYPERLIPIDAEMIA, UNSPECIFIED	2010-06-08		Yes
TYPE 2 DIABETES MELLITUS WITH OTHER SPECIFIED KIDNEY COMPLICATION NOT ELSEWHERE CLASSIFIED	2010-01-22		Yes

 **Lookup** button. Click to access a “summary” screen.

 **Hide** button. Click to hide a section of the Patient Profile. Click to redisplay.

5. Timeout Feature

Your logon to the DIS will stay active for 20 minutes. If you are navigating between SHARE and DIS, you will only be logged out once you have been inactive for 20 minutes in DIS. When you are logged out, you will be presented with the login screen, you will need to return to SHARE and reselect the Community Med Tab for your patient.

6. Summary Screens

- Summary screens provide an overview of information in the DIS for a patient for a particular category. An example is all prescriptions for a patient.
- There are two ways to access summary screens:
 1. Click any item in the Clinical Section of the Patient Profile Portal menu.
 2. Click the Lookup button in any section of the Patient Profile screen. This is the “magnifying glass” at the far right of the title bar (circled in red below).

Example: The lookup button on the Prescriptions section of the Patient Profile screen:

Prescriptions (6)								Q	^
Rx ID	Medication	Prescribed Date	Last Pickup Date	Remaining Refills	Remaining Quantity	Prescribed By	Issues	Notes	
1008	LANTUS 100/ML INJECTION, SUBCUTANEOUS 20 units at bedtime	2014-08-01	2014-08-02	0	0	Eva Silva	No	No	
1006	APO-ATENOL 50 MG SWALLOW, ORAL 1 tab once a day	2014-07-05	2014-07-06	0	0	Alexa Panos	No	No	
994	APO-TRAZODONE 50 MG SWALLOW, ORAL 1 tab at bedtime	2014-05-06	2014-05-07	0	0	Angela McGee	No	No	

Clicking the Lookup button from the prescription section of the Patient Profile screen opens the Prescription Summary:

Prescription Lookup Summary(RXLU900) - NS-HCN: 0350050534 - PATRICIA S CLARK												?	
Date Range:		From: 2013-04-17		To:									
Status:		All											
Issues:		All											
Dispensed:		All											
Most Recent by Drug Indicator:		<input checked="" type="checkbox"/>											
										Reset		Search	
Rx ID	Medication	Status	Prescribed Date	Last Pickup Date	Quantity Last Dispensed	Remaining Refills	Prescribed By	Pharmacy	Refusal to Fill	Notes	Issues		
1027	TEVA-OMEPRAZOLE 20 MG SWALLOW, ORAL SIG: 1 tab once day	active	2014-08-28			0	Ming Chen	Reynolds Pharmachoice	No	No	No		
1030	LANTUS 100/ML INJECTION, SUBCUTANEOUS SIG: 20 units at bedtime	active	2014-08-07	2014-08-08	200	2	Angela McGee	Reynolds Pharmachoice	No	No	No		
1025	APO-ATENOL 50 MG SWALLOW, ORAL SIG: 1 tab once day	active	2014-08-07	2014-08-08	10	2	Angela McGee	Reynolds Pharmachoice	No	No	No		
1023	APO-TRAZODONE 50 MG SWALLOW, ORAL SIG: 1 tab at bedtime	active	2014-08-07	2014-08-08	10	2	Angela McGee	Reynolds Pharmachoice	No	No	No		
1020	APO-LISINOPRIL 5 MG SWALLOW, ORAL SIG: 1 tab once a day	active	2014-08-07	2014-08-08	30	2	Angela McGee	Reynolds Pharmachoice	No	No	No		
1018	APO-HYDRO 25 MG SWALLOW, ORAL SIG: 1 tab once a day	active	2014-08-07	2014-08-08	30	2	Angela McGee	Reynolds Pharmachoice	No	No	No		
1016	APO-METFORMIN 500 MG SWALLOW, ORAL	active	2014-08-07	2014-08-08	60	2	Angela McGee	Reynolds Pharmachoice	No	No	No		

- Every summary screen has filtering capability that varies by screen. This allows you to filter your information.
- By default, the “Most Recent by Drug Indicator” field is turned on. This means that only the most recent prescription for that medication will display on the summary screen. If unchecked, all prescriptions display.

- The default date range for items displayed on a summary screen is the previous 18 months, counting back from today's date. Change the range in the **Date Range** field.
- Click on any column title to order the list. Lists are displayed in descending order when you first click the column heading. Clicking the column heading again sorts in ascending order. For example, clicking on **Last Pickup Date** will sort this field in ascending or descending order. Clicking on **Status** (circled in blue on the screenshot below) sorts by categories *Completed*, *Active* and *Aborted*.
- Further information on some fields can be found by hovering over the field (e.g. hovering on the column titles displays a message tag as shown below).



- Summary screens provide access to **Detail** screens: click any item on a Summary Screen to access a Detail screen.
- Detail screens provide information on a selected item.

Example: Below is the Other Medication Summary screen. Click on the specific *OM ID* or *MEDICATION* to open a detail screen:

Other Medication Lookup Summary(OMLU900) - NS-HCN: 0350050534 - PATRICIA S CLARK						
Start Date:	2013-04-17					
End Date:						
						Reset Search
OM ID	Medication	Start Date	End Date	Issues	Notes	
50179606	ASPIRIN 81 MG SWALLOW, ORAL	2014-08-07	2014-11-01	No	No	
50179582	ASPIRIN 81 MG SWALLOW, ORAL	2014-07-05	2014-08-14	No	No	

2 matching record(s).

Detail Screen Opens:

Other Medication(OM901) - NS-HCN: 0350050534 - PATRICIA S CLARK	
Start Date:	2014-08-07
End Date:	2014-11-01
Location:	DIS Portal
Route of Administration:	SWALLOW, ORAL
Medication:*	ASPIRIN 81 MG SWALLOW, ORAL <input type="checkbox"/> Compound
Drug Form:	
Administration Instructions	
1 tab once a day	
Notes: ...Add New Note	
Provider: Angela McGee	Date: 2014-08-27
Location: DIS Portal	
Undo Reset Save	

7. Detail Screens

- Detail screens provide information on a selected item.

Medical Condition(CND901) - NS-HCN: 0350050534 - PATRICIA S CLARK ?

Condition:* HYPERLIPIDAEMIA, UNSPECIFIED

Status: active

Start Date: 2010-06-08

End Date:

Chronic Condition: Yes No

Informant: Angela McGee

Notes:
2014-07-23 - TR01-02-03-62 Med Condition - by Angela McGee
...Add New Note

Provider: Angela McGee
Location: Reynolds Pharmachoice

Date: 2014-07-23

Undo Reset Save

Key Points:

- The bottom of the detail screen displays Provider and Location information regarding the provider who input the data into the DIS (outlined in red above).
- Obtain further details on certain fields by hovering over the field (e.g. hovering over the Start Date or End Date calendar icons displays a message tag):

Start Date: 2013-06-08

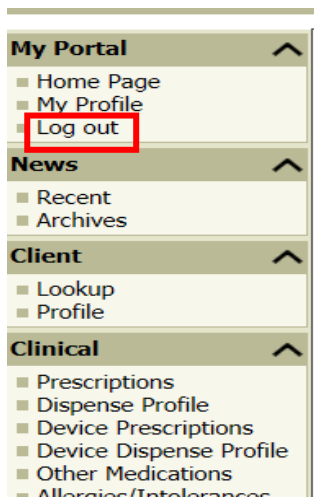
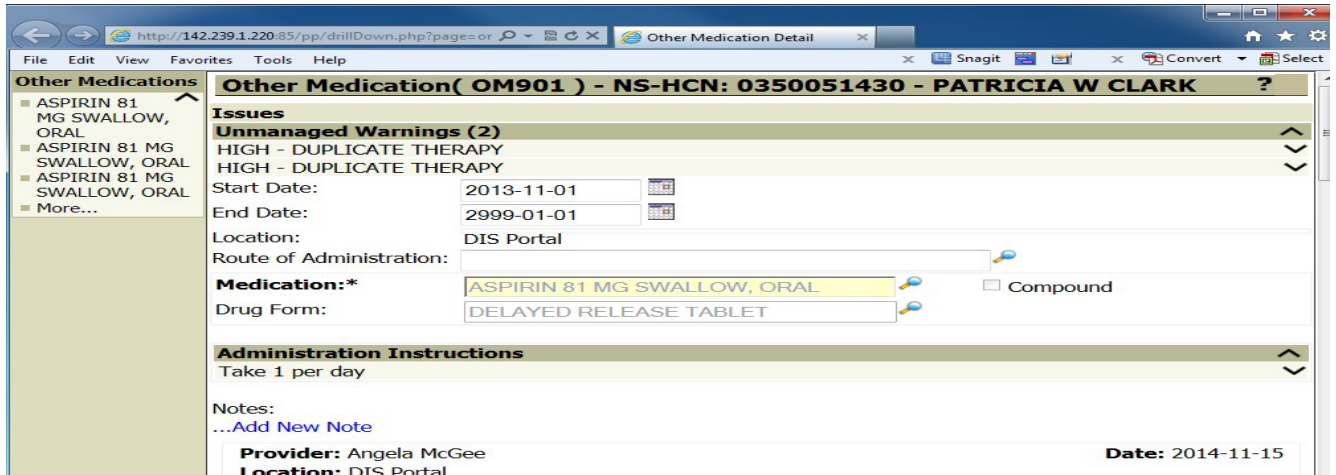
End Date:

Date Selector

- Obtain further information on the Informant by clicking the symbol at far right (outlined in blue on screenshot at top)

8. Closing Windows and Tabs

- DIS items open in a new window or tab.
 - If you try to open an item or screen (e.g. Lookup screen) and it does not open, it is because it is already open.
- Close the window or tab when you are finished working with it by clicking the **X** in upper right corner.



When you are finished with a DIS session, **log out** of the system to close the Patient Profile by clicking Log out on the Patient Profile Portal menu.

PORTAL FUNDAMENTALS

Purpose: To introduce fundamental concepts of the Drug Information System.

1. ID Numbers in the DIS

All clinical records in the DIS are based on a Drug Information Number (DIN), Natural Product Number (NPN) or OPINIONS PIN (devices only).

An OPINIONS PIN is a number assigned by APSI (Atlantic Pharmaceutical Services Inc.) to uniquely identify a product or device. The DIS generic OPINIONS PIN will be used when a specific OPINIONS PIN does not exist for a product or device.

A prescription must include a valid DIN, NPN or OPINIONS PIN.

2. Prescription Information

The DIS displays information prescription in two ways:

1. The *Patient Profile* screen displays **current prescriptions** for the patient contained in the DIS.
2. The *Summary Screen* provides the ability to display all prescriptions for the patient contained in the DIS.

Current Prescriptions:

Current Prescriptions means prescribed medications that were available for the patient to take in the **previous 90 days**. Information is displayed within a **date range** that equals today's date minus 90 days.

Example:

- Today's date is September 12
- September 12 minus 90 days is June 14

Therefore, the date range for the medication displayed is June 14 to September 12

The medication displayed includes:

- A prescription that is available for the patient to have filled or has been filled and has refills available.
- A prescription that has been dispensed and was 'completed' in the date range. Completed means the prescription has no refills remaining or has been replaced by another prescription.

- A prescription that has been dispensed and ‘completed’ prior to the date range, but the days’ supply **falls within the date range**. **Completed means the prescription has no refills remaining or has been replaced** by another prescription.

Note: If you want to see all prescribed medications in the DIS for the patient, click on the lookup button ‘**magnifying glass**’ on the title bar of the prescription section of the Patient Profile. This will take you to the Prescription **Summary screen**.

3. Prescriptions and Disposes

When a prescription is dispensed by a pharmacy, a dispense record is created. The DIS contains *both* prescription information and dispense details such as pick-up date. Users will be able to view all dispenses issued for each prescription.

Dispense Id	Rx ID	Drug Name	Current State	Dispense Date	Pickup Date	Quantity Dispensed	Location	Issues	Notes
50388206	1527	APO-VENLAFAXINE XR 75 MG SWALLOW, ORAL	Picked up	2015-06-16	2015-06-16	30	Fertility Pharmacy Services Ltd.	Yes	No

4. Drug Utilization Review (DUR)

A Drug Utilization Review (DUR) is triggered when clinical records are added to a patient’s medication profile. This includes dispenses, prescriptions and other medications.

If a DUR was identified on a record, it will be noted in the summary screen:

Other Medications (1)				
Medication	Start Date	End Date	Issues	Notes
ASPIRIN 81 MG SWALLOW, ORAL	2013-11-01	2999-01-01	Yes	No

Details on the DUR record are available on the clinical record:

HIGH - DUPLICATE THERAPY		
Causes:		
Cause Type	Record Id	Details
Other Active Medication	50307360	ASPIRIN 81 MG SWALLOW, ORAL
Other Active Medication	50302515	ASPIRIN 81 MG SWALLOW, ORAL

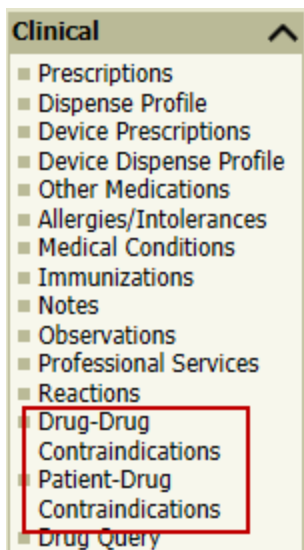
The DIS uses the ‘First Data Bank’ (FDB) tool for performing a DUR. FDB modules are:

1. **Allergy:** Provides detection of potential reactions between drug/drug ingredients and a patient’s known allergies

2. **Drug-Disease:** Detects potential interactions between a drug and a patient’s known condition(s) either on the patient’s profile or indicated by a drug on the patient’s profile
3. **Duplicate Therapy:** Checks for potential duplication in drug therapies
4. **Lactation Precaution:** Checks for lactation precaution(s) for a drug. This only applies when medical condition Z391 is in the patient profile.
5. **Pediatric Precaution:** Checks for pediatric precautions of drug(s). This only applies to patients in the age group 0-18.
6. **Pregnancy Precaution:** Checks for pregnancy precautions for a drug. This only applies when medical condition Z33 is in the patient profile.

Suspended prescriptions (i.e. prescribed but no longer valid) are NOT taken into account for DURs.

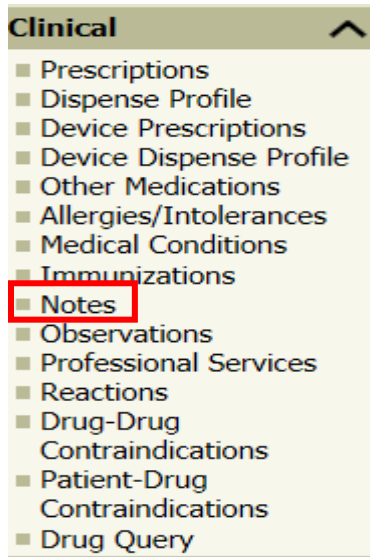
When a DUR is performed, FDB determines the severity and may add a DUR record to the clinical record. The DUR may need to be managed before the record can be added (i.e. high severity will require an over-ride to input a prescription).



The DIS also provides contraindication functionality:

1. Drug — Drug: Checks for drug contraindication between two drugs
2. Patient — Drug: Checks for contraindications for a drug against the patient’s profile

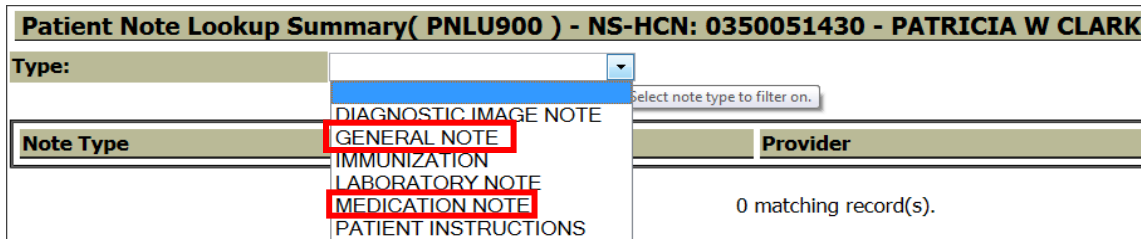
5. Notes



The DIS contains two types of notes:

1. **Record Note:** A note tied to a particular record in the DIS such as an individual prescription or medical condition.
2. **Patient Note:** A note tied to the overall patient file. This type of note would be a general note (e.g. Patient has allergy to red food dye). To add a patient note, select Notes from the Clinical section of the Patient Profile Portal Menu:

On the Notes screen choose only **General Note** or **Medication Note** in the Type field to view.



Keep in mind that the DIS is NOT an electronic medical record, but a capture of the patient's medication history. Therefore, only information that clinicians need to know and is relevant to the patient's medication profile should be included.

6. Portal Reports



- All reports are accessed from the Patient Profile Portal Menu as shown below.
- The reports that are available to you are determined by your security. You will only see the reports that you have access to.

DIS Medications & Devices Report:

This report is intended for the information purposes of the patient. It would be provided to the patient and should be reviewed by a health care provider with him/her. The report contains a list of the patient's medications and devices contained in the DIS. It is intended solely for the patient concerned or health care provider within the patient's circle of care. Any other distribution, disclosure or copy is strictly prohibited.

Selection Criteria

The report results can be modified using the selection criteria below:

Drug Information System Medications & Devices Report Search Criteria	
Date Range:	From: 2015-02-18  To: 2016-02-18 
Include Devices:	<input checked="" type="checkbox"/>
Remove Duplicates:	<input checked="" type="checkbox"/>
Current Only:	<input checked="" type="checkbox"/>

Date Range – the date range defaults to six months from today's date. The user can change the date range.

Include Devices – the checkmark indicates that devices will be included in the report. No checkmark indicates devices will not be included in the report. Click inside the box to add or remove the checkmark.

Remove Duplicates – the checkmark indicates that prescription orders that contain duplicate DINS and NPNs will not be included. Only the most recent prescription order will be included in the report. To include prescriptions orders that contain duplicate DINS and NPNs remove the checkmark. Click inside the box to add or remove the checkmark.

Current Only - The following prescription orders will appear on the report:

- All prescription orders that have a status of "active"
- All prescription orders that have a status of "completed" or "obsolete" that have a dispense that meet the following criteria:
 - Dispensed within the **Date Range** time period selected; or
 - Dispensed outside of the **Date Range** period, but the patient has been given enough days' supply of medication that falls within the specified **Date Range** period.

- Prescription orders with a status of suspended (On hold) or aborted (Stopped) will not be printed on the report when **Current Only** is selected.

Current Only (no check mark) - The following prescription orders will appear on the report:

- All prescription orders that have a status of “active”
- All prescription orders that have a status of “completed”, “obsolete”, “suspended” or “aborted” that have a dispense that meet the following criteria:
 - Dispensed within the **Date Range** time period selected; or
 - Dispensed outside of the **Date Range** period, but the patient has been given enough days’ supply of medication that falls within the specified **Date Range** period.

Understanding prescription statuses

Aborted - The healthcare provider stopped this prescription order.

Active - A prescription order that has refills remaining and has not reached the prescription’s expired end date.

Complete - A prescription order that no longer has refills remaining or has exceeded the prescription expiry end date.

Obsolete - A prescription that was replaced by a more recent prescription order.

Suspended - The prescription has been stopped temporarily and has not been resumed by a healthcare provider.

Medication and Devices Report Contents

Medication Prescription Information – prescriptions that meet the defined criteria for both the **Date Range** and **Current Only** selections.

Device Prescription Information - devices that meet the defined criteria for **Include Devices**, the **Date Range** and **Current Only** selections.

Medication Reconciliation Reports:

These reports are intended for health care providers to facilitate Medication Reconciliation with a patient, and provides the DIS user with information contained in the patient's DIS profile. Each report is formatted to support the Medication Reconciliation process. It is intended solely for the health care providers within the patient's circle of care. Any other distribution, disclosure or copy is strictly prohibited.


Selection Criteria

Choose which Medication Reconciliation report is suitable for your area and the date range.

The report results can be modified using the selection criteria below:

Medication Reconciliation Search Criteria

Date Range:

From: 2015-08-18 

Date Range – the date defaults to six months from the current date. The user can change the date.

Medication Reconciliation Report Contents

Allergy/Intolerance Information with an active status will be printed on this report.

Medication Information: Medication Prescription orders that match the below criteria will appear on the report:

- The most recent prescription for a DIN or NPN. Prescriptions that match the DIN or NPN and are not the most recent, will NOT appear on the report.
- All prescription orders that have a status of “active”
- All prescription orders that have a status of “completed” or “obsolete” that have a dispense that meet the following criteria:
 - o Dispensed within the **Date Range** time period selected; or
 - o Dispensed outside of the **Date Range** period, but the patient has been given enough days' supply of medication that falls within the specified **Date Range** period.
- Prescriptions with a status of suspended (On hold) or aborted (Stopped) are not displayed on this report.

Other Medication: Current other medications. The end date is in the future.

Understanding prescription status

Note: statuses are not printed on the report but are referenced in the Medication information above.

Aborted - The health care provider stopped this prescription order.

Active - A prescription order that has refills remaining and has not reached the prescription's expired end date.

Complete - A prescription order that no longer has refills remaining or has exceeded the prescription expiry end date.

Obsolete - A prescription that was replaced by a more recent prescription order.



Suspended - The prescription has been stopped temporarily and has not been resumed by a health care provider.

Medication Profile Report:

This report is intended for health care providers and should be discussed with the patient to validate accuracy. It is intended solely for the health care providers within the patient's circle of care and is not a patient report. Any other distribution, disclosure or copy is strictly prohibited.

Selection Criteria

The report results can be modified using the selection criteria below:

Medication Profile Search Criteria	
Date Range:	From: 2015-08-12  To: 2016-02-12 
Include Devices:	<input checked="" type="checkbox"/>
Remove Duplicates:	<input checked="" type="checkbox"/>
Current Only:	<input checked="" type="checkbox"/>

Date Range – the date range defaults to six months from today's date. The user can change the date range.

Include Devices – the checkmark indicates that devices will be included in the report. No checkmark indicates devices will not be included in the report. Click inside the box to add or remove the checkmark.

Remove Duplicates – the checkmark indicates that prescription orders that contain duplicate DINS and NPNs will not be included. Only the most recent prescription order will be included in the report. To include prescriptions orders that contain duplicate DINS and NPNs remove the checkmark. Click inside the box to add or remove the checkmark.

Current Only (with check mark) - The following prescriptions will appear on the report:

- All prescription orders that have a status of "active".
- All prescription orders that have a status of "completed" or "obsolete" that have a dispense that meet the following Date Range criteria:
 - Dispensed within the **Date Range** time period selected; or
 - Dispensed outside of the **Date Range** period, but the patient has been given enough days' supply of medication that falls within the specified **Date Range** period.
- Prescription orders with a status of suspended (On hold) or aborted (Stopped) will not be printed on the report when **Current Only** is selected.

Current Only (no check mark) - The following prescription orders will appear on the report:

- All prescription orders that have a status of “active”
- All prescription orders that have a status of “completed”, “obsolete”, “suspended” or “aborted” that have a dispense that meet the following criteria:
 - Dispensed within the **Date Range** time period selected; or
 - Dispensed outside of the **Date Range** period, but the patient has been given enough days’ supply of medication that falls within the specified **Date Range** period.

Understanding prescription statuses

Aborted - The health care provider stopped this prescription order.

Active - A prescription order that has refills remaining and has not reached the prescription’s expired end date.

Complete - A prescription order that no longer has refills remaining or has exceeded the prescription expiry end date.

Obsolete - A prescription that was replaced by a more recent prescription order.

Suspended - The prescription has been stopped temporarily and has not been resumed by a health care provider.

Medication Profile Contents

Prescriptions – Medication prescriptions that meet the defined criteria for both the **Date Range** and **Current Only** selections.

Devices - devices that meet the defined criteria for **Include Devices**, the **Date Range** and **Current Only** selections.

Other Medications – current other medications. The end date is in the future.

Medical Conditions – medical conditions with a status of active.

Allergies/Intolerances – allergies and intolerances with a status of active.

Adverse Reactions – all adverse reactions.