

Methadone Dispensing (Ontario)

8.3

This document describes the recommended way to setup and dispense Methadone mixtures.



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Methadone Drug and Mixture Card Setup

Setting up the Methadone Stock Solution

Create a drug card for the pre-mixed methadone stock solution. Typical stock solutions are 5mg/ml, or 10mg/ml of methadone powder in distilled water. To setup the drug card:

1. Create a new drug card and name it based on the stock concentration, for example “Methadone Concentrate 5mg/ml”.

Note: Include the concentration of the solution in the name so that it appears correctly on label sets.

2. Set the form to **ML (Solution)**.
3. The DIN is not used for adjudication, so in the example it is set to **00002773** (the DIN of a brand of methadone powder).
4. Set the pack size to the size of the stock solution bottle (in millilitres) being used. The actual pack size value can be anything, but the pricing needs to match.

Note: In the example, the 4000 pack size reflects 4000mls of methadone concentrate 5mg/ml. The cost for 4000mls of methadone concentrate is \$20.00. The price reflects whatever the pharmacy purchased/sells this product for.

- The OnHand/Min/Max quantities reflect the amount of methadone concentrate (5mg/ml) liquid on hand in millilitres.

The screenshot displays a 'Methadone Stock Solution Drug Card' in a software application. The top section contains fields for 'Name' (Methadone Concentrate 5mg/mL), 'DIN' (00002773), 'Sched' (N (Narcotics)), 'Strength', 'Form' (ML (Solution)), and 'Manuf'. There are also checkboxes for 'Reportable' (checked) and 'Dispense as Pack'. Below this is a 'Comments (0)' table with one entry: 'Plain Text Comment'. The 'Pack Information' section shows a 'Pack Size' of 4,000, a 'Purchase' price of \$20.00, and 'On Hand' quantity of -399. Other fields include 'Min Qty', 'Max Qty', 'UPC', 'Lot', 'Expiry Date', and 'Expiry (Days)'. A 'Front Store' checkbox is visible. A placeholder image of a bottle is shown with the text 'No image available'.

Figure 1 - Methadone Stock Solution Drug Card

Setting up the Top-Off Solution

Create a drug card for the top-off solution. This is typically Tang or Crystal Light. To setup the drug card:

- Create a new drug card and name it based on whatever top-up solution is being used, for example "Tang".
- Set the DIN to **00000000** since this is not a real drug.
- Set the form to **ML (Liquid)**.
- Set the pack size to the volume (in millilitres) that is typically used to pre-mix the top-off solution.

Note: In the example the 4000 pack size reflects 4000mls of Tang solution. The cost for 4000mls of Tang solution is \$3.75. The price reflects what the pharmacy purchases this product for.

- The OnHand/Min/Max quantities reflect the quantity of mixed Tang solution on hand in millilitres.

The screenshot displays a 'Top-Off Solution Drug Card' in a software application. The main form is divided into several sections:

- Header Section:** Contains fields for Name (Tang Solution), DIN (00000000), Sched (3 (Schedule 3 [C])), Strength, Oral/Written (Not Specified), Form (ML (Liquid)), and Price Group (None). It also includes 'Save' and 'Scan' buttons.
- Comments and Groups:** Two sections, each with a count of 0 and buttons for 'F2', 'Ins', and 'Del'.
- Pack Information Table:**

Packs (1)	Pack Size	Purchase	On Hand	Days
4000	4,000	\$3.75	-1,043	0
- Additional Fields:** Includes 'McKesson', 'KE', 'ODB(BAP) \$3.75', 'ODB(MAC) \$3.75', 'Quick Code', 'Active' (checked), and 'Only allow manual price changes' (unchecked).
- Image Placeholder:** A box labeled 'No image available' with a 'Load' button.
- Navigation:** 'Drug Sub', 'Clear', 'Load', and 'Delete' buttons are located at the bottom right.

Figure 2 - Top-Off Solution Drug Card

Setting up the Mixture

The next part of the setup process is to create a Methadone Mixture card according to the strength of the stock solution required. To setup the mixture:

- Create a new mixture card and name that will easily identify it.
- Set the form to **MG (Solution)**.
Note: This is important since the vial label needs to indicate the milligrams of methadone for provincial requirements.
- Select **Methadone Conc** in the **Enter Proportions by** section.
- Set the drink volume to the total drink volume (in millilitres) that would normally be dispensed.
- Set the schedule to **N (Narcotics)**.
- Make sure the **Methadone** checkbox is checked.
- Make sure **Reportable** checkbox is checked.
- Set the **Mixture Times** and **Price Group** to whatever is appropriate for pharmacy operations.

9. Set the **Provincial PIN** to one that is applicable.

QuickCode [] Save Scan

Name: Methadone HCl + Tang OK

General Instructions Comments Plan Extra Info

Enter Proportions by:

- Percentage
- Units
- Bags
- Methadone Conc.

 Drink Volume (mL): 90

Form: MG (Solution) Expiry (Days): []

Schedule: N (Narcotics) Reportable:

Oral/Written: Written Only Methadone:

Mix Type: 3 (Internal Use Liquid) IV Mixture:

Price Group: (NONE) Active:

Provincial PIN: 09850619 - Methadone (Addictive)

Mixture Time: None (F2)

If Rx Qty => (Minutes):

0	4
0	
0	
0	
0	
0	

Ctrl ↑ Previous Ctrl ↓ Next Default Sig []

DIN	Brand Name	Generic Name	PackSize	Form	Strength	Qty	Active
00002773	Methadone Concentrate 5mg/mL		4,000	ML (S)	5 mg/mL		Yes
00000000	Tang Solution		4,000	ML (L)	100% QS		No

Figure 3 - Methadone Mixture Card

Now that the mixture card is created, the ingredients that actually make up the mixture need to be added.

Add the Methadone Concentrate

1. Click the **Ins** button on the **Components** list.
2. When the **Drug Lookup Search** window appears, search for the newly created Methadone stock solution.
3. Make sure **Active component for 3rd party** is checked.
4. Enter the concentration of the stock solution.

5. Ensure that **Bill in multiples of Pack Size** is not checked.

Compound Component

Name: **Methadone Concentrate 5mg/mL** DIN: **00002773** Schedule: **N**

Generic: Strength: Price Group:

Description: Form: **ML (Solution)**

Equiv. To: Manuf:

Location: Brand/Generic Type: Reportable: **Yes**

Drug Sub: Class: Dispense as Pack: **No**

Pack Size: 4,000 Bill in multiples of Pack Size Interchangeable Priority:

Stock Concentration (mg/mL): **5** Active component for 3rd party

Save Cancel

Figure 4 - Active Compound Component

6. Click **Add/Save**.

Add the Supplementary Components

There can be one or more additional components to mix with the methadone. The percentage of QS ingredients is up to the pharmacy. For example some patients dislike how sweet the Tang is and require a higher concentration of water. The total percentage of everything in the mixture, with the exclusion of the Methadone, must total 100%.

1. Click the **Ins** button on the **Components** list.
2. When the **Drug Lookup Search** window appears, search for the newly created top-off solution.
3. Ensure that the **Active component for 3rd party** is unchecked.
4. Set the **% of QS Ingredients** to the percentage that this ingredient makes up of the top-off liquids.

Note: If only one top-off liquid is being used then set this value to **100**.

Compound Component

Name: **Tang Solution** DIN: **00000000** Schedule: **3**

Generic: Strength: Price Group:

Description: Form: **ML (Liquid)**

Equiv. To: Manuf:

Location: Brand/Generic Type: Reportable: **No**

Drug Sub: Class: Dispense as Pack: **No**

Pack Size: 4,000 Bill in multiples of Pack Size Interchangeable Priority:

% of QS Ingredients: **25** Active component for 3rd party

Save Cancel

Figure 5 - Supplementary Compound Component

Filling a Methadone Prescription

Here is an example of filling a Methadone prescription via the **F12 Screen**. The **Disp Qty** should reflect the number of **milligrams of Methadone HCl** that the patient was prescribed. This prescription is being filled for 120mg of Methadone (24ml * 5mg/ml = 120mg).

1. The drink is mixed using 24ml of Methadone Concentrate (5mg/ml) and 66ml of Tang to make a total drink volume of 90ml.

The screenshot shows a software interface for filling a prescription. At the top, it indicates 'New Rx' and 'Pending Adj'. The 'First Fill' is 23/09/09. The patient search results show 'Test, Test' with age 8. The drug search results show 'Methadone HCl + Tang' in 'MG (Solution)' form, scheduled as 'N (Narcotic)'. The doctor search results show 'Dr. Test, Doctor' at '531 Test Street'. The pricing section shows 'Init' at \$0.00, 'Disp Qty' at 120, and a 'Total' of \$14.69. The 'Unit Dose (Ctrl-U)' is set to 'Disabled'. The bottom section includes tabs for 'Plans', 'Pricing', 'Dates', 'Comments', 'Indications', 'Workflow', and 'Misc', with 'Cash' selected under 'Rx Plans'.

Figure 6 - Filling Methadone Prescription

- a. Viewing the Mixture Break down, accessed from View→Mixture Breakdown, will detail all of the components.

The screenshot shows a window titled "Mixture Breakdown" with a text field for "Mixture Name" containing "Methadone HCl + Tang". Below this is a table with the following data:

Qty	Description	Form	Price
24.000	Methadone Concentrate 5mg/mL	ML	0.12
66.000	Tang Solution	ML	0.06

Below the table is a summary section with the following values:

- Total Base Cost: 0.18
- Embedded Markup: 0.02
- Rx Markup: 0.00
- Dispensing Fee: 10.49
- Mixture Minutes: 4
- Mixture Fee: 4.00
- Rx Quantity: 120.0
- Total: **14.69**

A "Close" button with a green checkmark is visible in the bottom left corner.

Figure 7 - Mixture Breakdown

2. If the patient is permitted to take home Methadone carries (additional drinks that do not require a pharmacist to witness consumption) then this can be setup through the **Rx→Methadone Carries** menu.

Note: If filling for one drink the **Methadone Carries** option does not need to be enabled.

- a. The **Methadone Carries** window will appear whereon the required number of carries can be setup. In the example below one (1) witnessed drink and six (6) carries are being filled. The ingest date on each label will automatically be

incremented for each day beginning with the ingest date listed for **This Fill**.

Methadone Carries

Patient: Test Test

Drug: Methadone 5mg/ml(Mix WithTang And Distilled Water)

This Fill

Ingest Date: 19/09/2009 Quantity: 90

Specify Additional Carries

Number of Fills: 6 × Quantity: 90
(Ingest Date will automatically be incremented for each day)

OR

Specify Custom Ingest Dates or Quantities

Ingest Date	Quantity	
Ingest Date	Quantity	
Ingest Date	Quantity	
Ingest Date	Quantity	
Ingest Date	Quantity	
Ingest Date	Quantity	
Ingest Date	Quantity	

Figure 8 - Consecutive Methadone Carries

- b. If consecutive ingest dates are not correct or if the quantity is not the same for each carry then **Specify Custom Ingest Date or Quantities must be selected**. This will enable fields where specific dates and quantities can be entered.

Figure 9 - Dated Methadone Carries

Note: This example only shows 2 additional carries which does not reflect the other examples.

- c. Click **Fill Rx's**.
3. If carries were enabled then they will each be printed as a separate transaction with its own set of labels. Kroll will automatically insert the **UA** intervention code for carries when the **Fill Date** and the

Last Fill Date are the same.

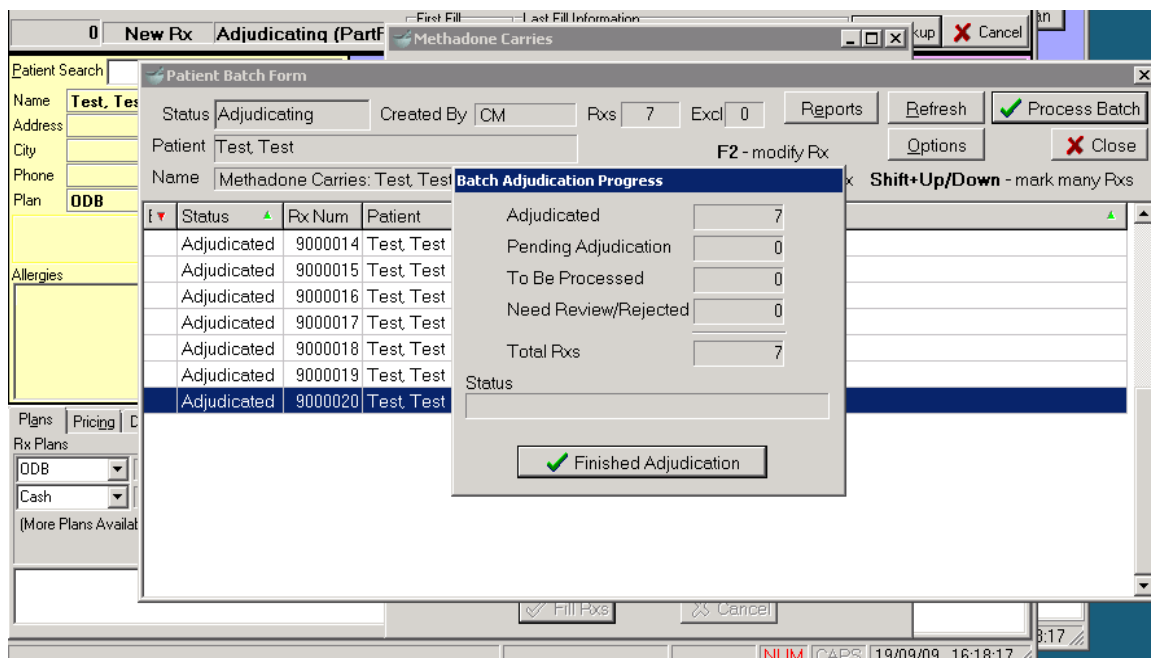


Figure 10 - Methadone Carry Adjudication

<p>Rx:9000014 Sat19-Sep-2009 Test, Test Refills: 6 Methadone 5mg/ml (Mix With Tang And Distilled Water) 90 MG MIX Dr. Test, Doctor DRINK ENTIRE CONTENTS; <u>Ingest Date: 19/09/2009</u></p>	<p>Rx:9000014 Sat19-Sep-2009 Test, Test Refills: 6 Methadone 5mg/ml (Mix With Tang And Distilled Water) 90 MG MIX Dr. Test, Doctor DRINK ENTIRE CONTENTS; Ingest Date: 19/09/2009</p>
--	---

5 min: \$0.00 Upcharge: \$0.01	18 ML Methadone Concentrate 5mg/mL \$0.09	18 ML Tang Solution \$0.02	54 ML Distilled Water \$0.05
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Rx:9000014 Sat 19-Sep-2009 16:17
 Test, Test CM
 Sex: Male
 ON DOB: 01-Jan-2001 (8 years)
 ODB: 3654365445

Allergies

Conditions

90 MG Methadone 5mg/ml (Mix With Tang And Distilled Water) O/W: W
DIN: 00000888 Days: 1
 PDIN: 09850619

Dr. Test, Doctor Doc#99:99999
 531 Test Street
 ON

**PART FILL
NEW RX**

DRINK ENTIRE CONTENTS; Ingest Date:
19/09/2009

Orig Rx:9000014 Auth:630 Rem:540 (6)
 Prev: Ago: First:
 Cost:0.16 Mkup:0.01 Fee:7.00 Total: 7.17

Figure 11 - Sample Vial Label and Hardcopy

Appendix A

Provincial PINs and Pseudo DINs

- Alberta - Netcare
- British Columbia - Pharmanet
- Manitoba - Pharmacare
- New Brunswick - New Brunswick Prescription Drug Program (NBPDP)
- Newfoundland - Newfoundland & Labrador Prescription Drug Program (NLPDP)
- Northwest Territories
- Nova Scotia – MSI
 - 1mg/ml: 00994012
 - 4mg/ml: 00994004
 - 5mg/ml: 00994005
 - 10mg/ml: 00999381
- Nunavut
- Ontario - Ontario Drug Benefits ODB
 - Provincial PIN: Methadone ADDICTIVE: 09850619
 - Methadone Pain Management Section 8: 09852891
- Prince Edward Island - PHIP
- Saskatchewan-Saskatchewan Prescription Drug Plan (SPDP)
 - Pain Management: 00990079
 - Addiction: 00990043
- Quebec- RAMQ
 - Provincial PIN: F – Folic Acid, Methadone or Phytonadione
- Yukon

Any additional pseudo DINs will be stored on the **Plan** tab of the mixture card. New pseudo DINs can be added by inserting a new record, selecting the plan and populating the pseudo DIN.

Kroll Helpdesk Information

Head Office – Toronto

220 Duncan Mills Road Suite 201
Toronto, Ontario
M3B 3J5
Tel: 416-383-1010
Toll Free: 1-800-263-5876
Fax: 416-383-0001
support@kroll.ca

Western Canada – Edmonton

9622 – 42nd Avenue NW Suite 313
Edmonton, Alberta
T6E 5Y4

Eastern Canada – Dartmouth

33 Ochterloney Street, Suite 260
Dartmouth, Nova Scotia
B2Y 4P5