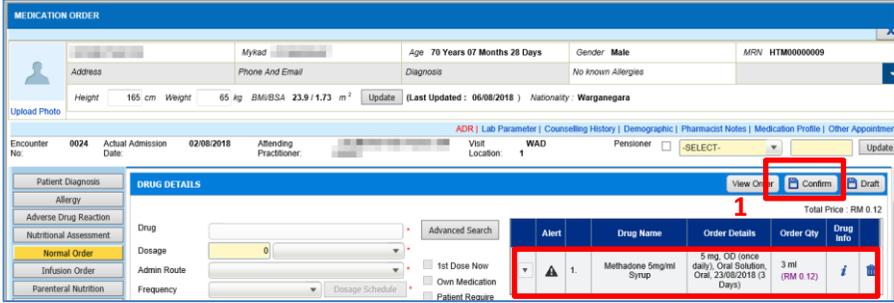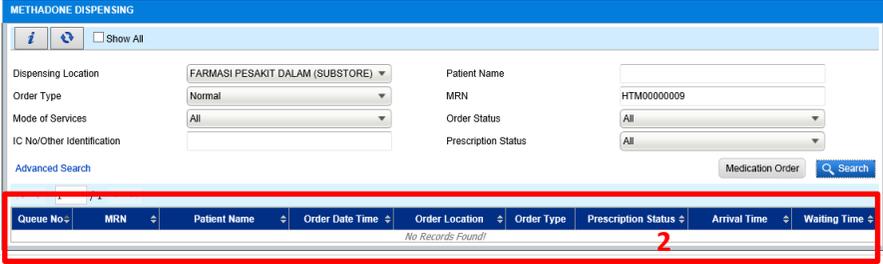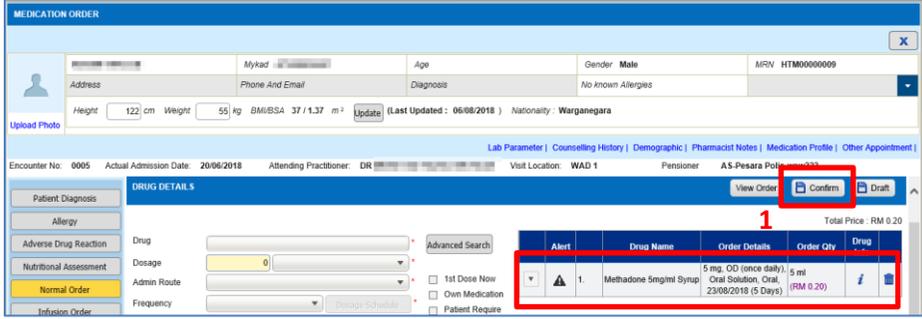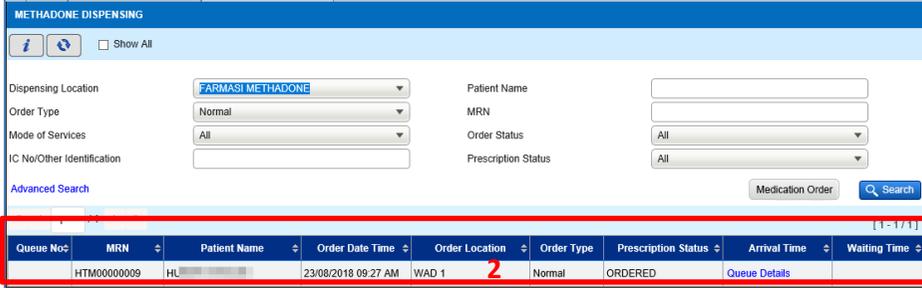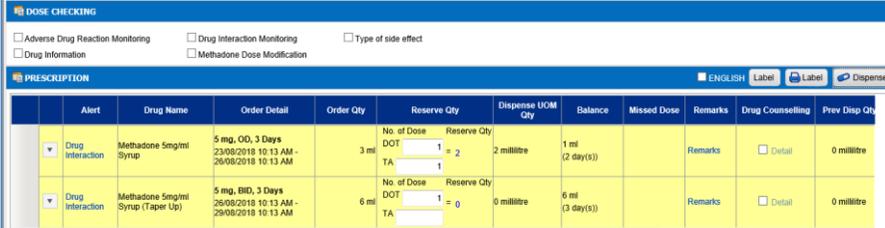## 1. Summary of Ticket Number and Requests on Methadone Dispensing
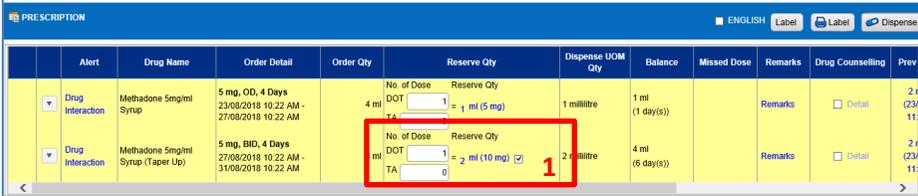
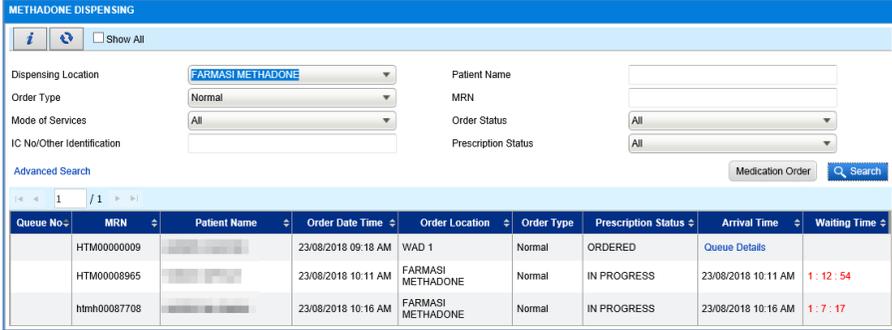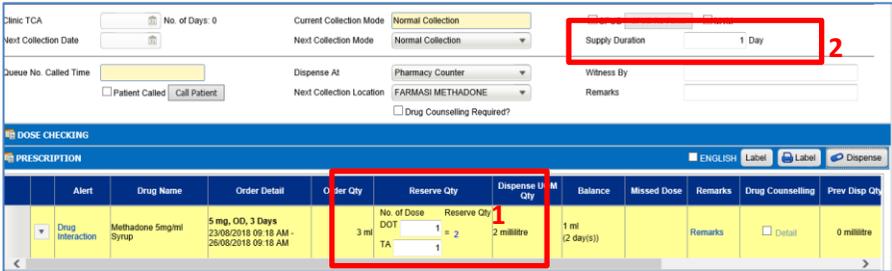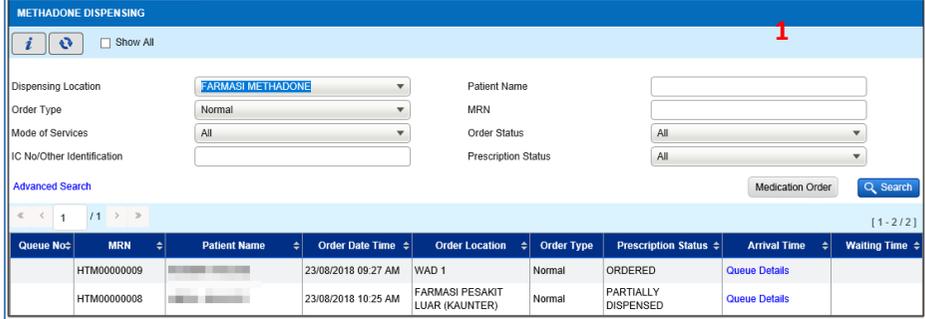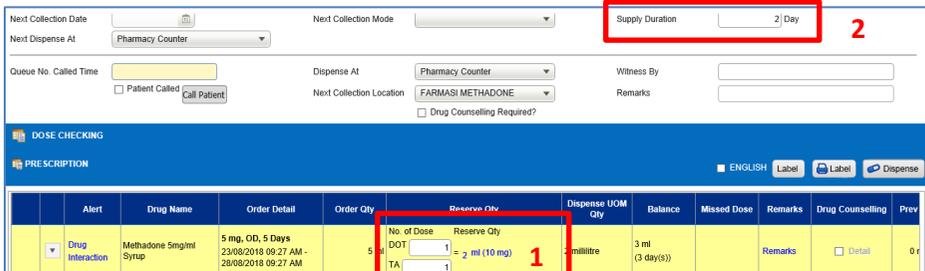| No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS016 001816S	**Request validate supply duration with DOT and TA** For methadone dispensing, supply duration not validated by amount DOT & TA.	To validate supply duration with DOT and TA.	To validate supply duration with DOT and TA. To make **Supply Duration non editable field** and system to auto count for Supply Duration based on value in DOT and TA and frequency.
2.	I-PhIS019 437817S	**Methadone Dispensing - Supply Duration shows not tally** User reported supply duration in previous display quantity is not tally with the duration that has been entered during dispensing. User claimed he entered 3 days but in Dispensed Drug Details appear 1 days only. Kindly refer attachment for reference.	To validate supply duration with DOT and TA.	To validate supply duration with DOT and TA.
3.	I-PhIS019 438017S	**Methadone Dispensing - Dispensed UOM quantity shows wrong** User reported Dispensed UOM quantity shows wrong in system. User claimed he entered supply duration as 3 (1 DOT & 2TA) days but the Dispensed quantity is tripled. Kindly refer attachment for reference. • Dose 35mg=7ml / day • 3 days=21ml but appear 63ml	To validate supply duration with DOT and TA.	To validate supply duration with DOT and TA.
4.	I-PhIS016 036116S	**OP PHARMACY-Maklumat Peribadi Pesakit** "New screen to capture patient details (with new menu. Can call same screen from methadone dispensing screen) This information later will be used in 'Maklumat Peribadi Pesakit' report"	New screen to enter "Maklumat Peribadi Pesakit".	To add new screen to enter "Maklumat Peribadi Pesakit" at Methadone Dispensing screen.
5.	I-PhIS016 035816S	**REPORT-Maklumat Peribadi Pesakit** New report for 'Maklumat Peribadi Pesakit'	New screen for methadone 'Maklumat Peribadi Pesakit'	

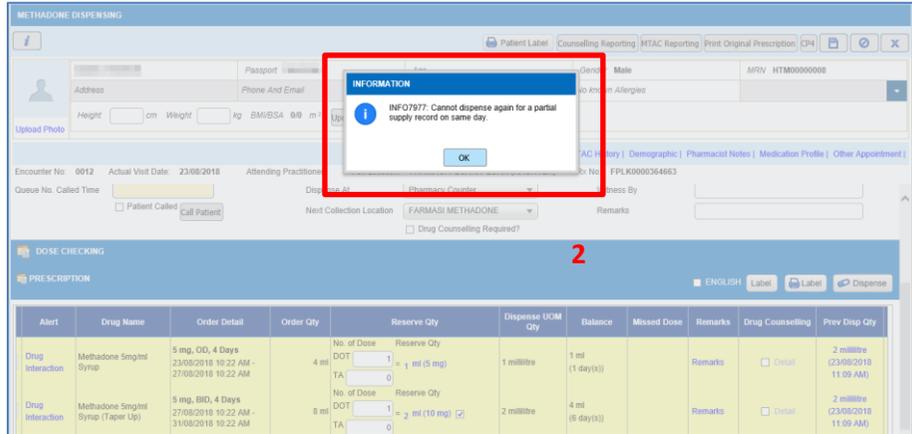| No.	Ticket #	Description	Requests	Proposed Solution

6.	I-PhIS017392616S	**Methadone Dispensing - Inpatient Counter not appear in Dispensing location**
		User reported for Inpatient Counter not appear in Dispensing location for Dispensing Methadone. User unable to proceed with Methadone Dispensing for inpatient.
		User request email to informed currently unable to use Methadone Dispensing for Inpatient.
			Allow inpatient record with Methadone to appear in Methadone Dispensing screen	1. To display dispense location = inpatient at Methadone Dispensing list.
				2. If dispense location= inpatient, system need to handle patient checking in methadone dispensing screen:
				  i. Patient arrival is not mandatory
				  ii. Next collection section is not mandatory/hide.
				  iii. To disable TA field.
				  iv. User able to print label in IP or OP format.

7.	I-PhIS013451216S	**Methadone Dispensing - alert if dose has been dispense on the same day** Alert if dose has already been dispensed on the same day and disable re-dispensing for the same day. Also for SPUB/M1M at received facilities. Remarks: Display alert msg when do dispense if user already partial dispense for that date. (Inside Methadone Dispensing screen)	To alert user if user try to dispense another dose for the same day.	Methadone alert: a. Alert if dose has already been dispensed on the same day and disable re-dispensing for the same day. Also for SPUB/M1M at received facilities. Display alert message when do dispense if user already partial dispense for that date. b. System to show based SKU UOM on label configuration value (mg). Reserve Qty in mg or whichever value that has been set in drug master for SKU UOM.
8.	I-PhIS013451916S	**Methadone Dispensing - reserve quantity to display in mg** Reserve Qty in mg. Remarks: Suggest to display UOM in reserve qty in Screening & Verification. There should be 2 columns to display in total reserve qty in mg (calculated from total dose of DOT and TA with prescribe dose).	To display reserve quantity in mg.	Display Reserve Qty in mg. Propose to display in this format: 4ml (20mg)
9.	I-PhIS013452416S	**Methadone Dispensing - no need to hold taper drug for methadone** For taper drug, no need to hold function when dispense. No need to hold Methadone drug.	Allow dispense with 0 for Methadone drug.	User can proceed to dispense main taper drug without have to hold the child taper drug by ticked on 'not to dispense' for taper drug.
10.	I-PhIS020134117S	**Simulation Server Version 1.6: Methadone Dispensing - Dispense Qty UOM shows wrong dose**	To count dispense quantity based on supply	To count dispense quantity correctly. Example: **Order BD 27/7/18, Split Dose 5mg(8:00am),**

No.	Ticket #	Description	Requests	Proposed Solution
		"Doctor Give Methadone twice per day morning: 1ml Night: 2ml The quantity should be 3 ml but at Dispense UOM Qty column shows 6 ml"	duration.	**10mg(8:00pm), 10 days** DOT = 1 (5mg=1ml), TA = 1 (10mg=2ml) (Reserve Qty = 3ml (15mg)) Supply Duration should count = 1 day Label to be printed = 1 label on 27/7/2018 DOT = 1 (5mg=1ml), TA = 3 (25mg=5ml) (Reserve Qty = 6ml (30mg)) Supply Duration should count = 2 days Label to be printed = 2 label on 27/7/2018 and 28/7/2018 If user entered DOT+TA not equal to supply duration days, alert should come out.

Function Flow	Current Version 1.8	New Version 2.0
1.Add Methadone for Inpatient dispense location	1. Prescriber choose patient from inpatient ward (Full Based). 2. Create Methadone order and *confirm(1).* 3. After that search record in Methadone Dispensing and found that *record not flow(2)* to Methadone Dispensing screen. 	1. Prescriber choose patient from inpatient ward (Full Based). 2. Create Methadone order and *confirm(1).* 3. After that search record in Methadone Dispensing and found that *record did flow(2)* to Methadone Dispensing screen.

Function Flow	Current Version 1.8	New Version 2.0
2. Main taper drug dispense without need to hold other taper drug	1. Go to Methadone order screen and create taper drug. 2. At Methadone Dispensing screen, dispense the main taper. 3. Alert will come out asking to hold the taper drug. INFO7605: Unable to dispense! Please do allocation for all drugs or hold the drug if there is no drug stock	1. Go to Methadone order screen and create taper drug. 2. At Methadone Dispensing screen, dispense the main taper. 3. Choose *dispense with 0 chcekbox (1)* for other taper drug without need to hold the drugs. 4. User able to dispense the main drug. 5. Reserve Qty show value ni **ml** and **(mg)**.
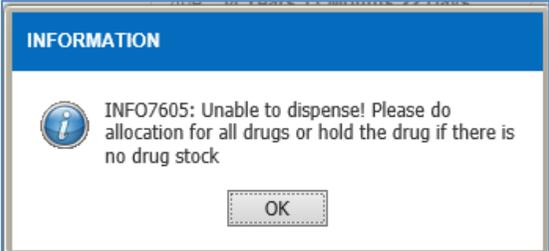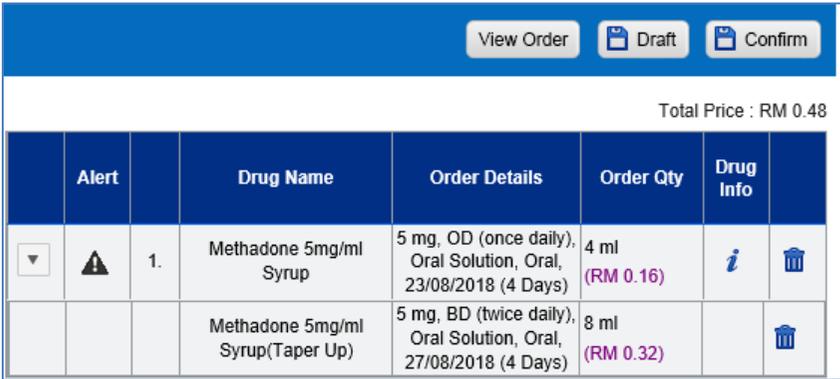
Function Flow	Current Version 1.8	New Version 2.0
3. Alert and Validate DOT and TA with Supply Duration	1. Go to Methadone Dispensing screen and search patient. 2. Open the Methadone Dispensing and _enter DOT and TA(1),_ eg. for frequency OD, enter DOT=1 and TA=1 and Supply Duration should be 2 days. 3. _Supply Duration does not change to 2 days (2)_ and no alert message to validate DOT and TA with Supply Duration field. 4. If we change DOT and TA to other value, on mouse click, Supply Duration remain as 1 day and no alert display.	1. Go to Methadone Dispensing screen and search patient. 2. Open the Methadone Dispensing and _enter DOT and TA(1),_ eg. for frequency OD, enter DOT=1 and TA=1 and Supply Duration should be 2 days. 3. _Supply Duration does not change to 2 days (2)_ and no alert message to validate DOT and TA with Supply Duration field. 4. If we change Supply Duration back to 1 days, alert will come out.

Function Flow	Current Version 1.8	New Version 2.0
4.Maklumat Peribadi screen	1. Not available in this version.	1. Go to Methadone Dispensing link. 2. There was new link called *'Methadone Patient List'(1)* and clicks on it. 3. It will open 'Maklumat Peribadi Pesakit' listing page. 4. Double click on the patient name and Maklumat Peribadi Pesakit

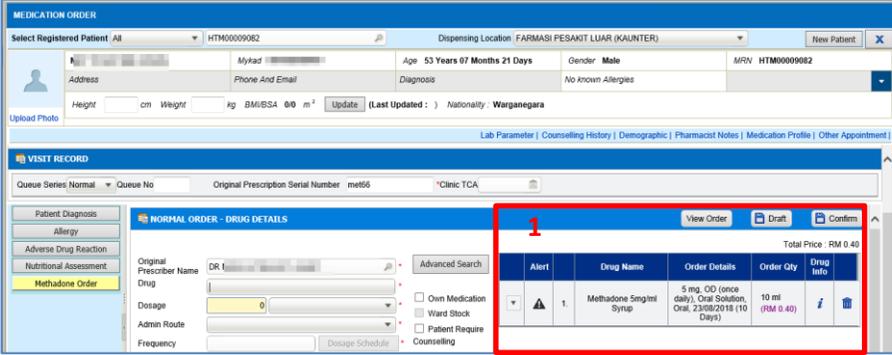| Function Flow	Current Version 1.8	New Version 2.0
		  5. Methadone patient screen will be opened. User able to update patient information on drug history.

Function Flow	Current Version 1.8	New Version 2.0
5. Dispense more than one time on same day for Methadone order	1. Go to Methadone Dispensing screen and dispense for any patient record from methadone list. 2. Dispense sucessful for *first dispensing(1).* 3. Dispense again for the same record for the second time.	1. Go to Methadone Dispensing screen and create partial dispense for any patient record from methadone list. 2. Dispense sucessful for *first dispensing(1).* 3. Dispense again for the same record for the second time.
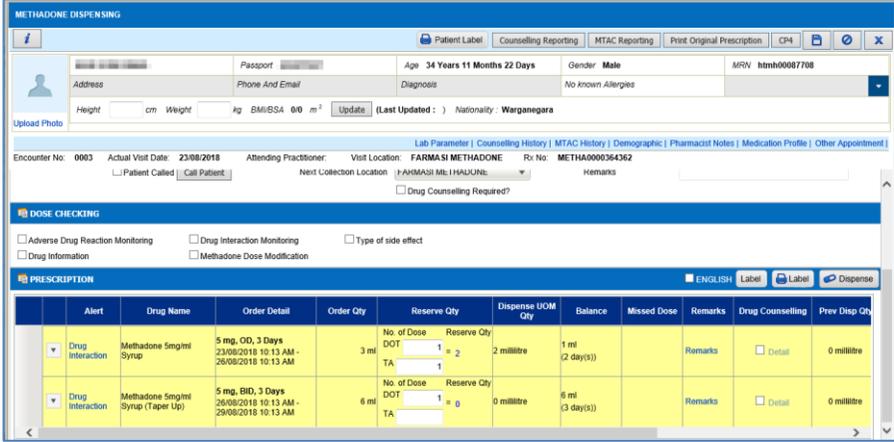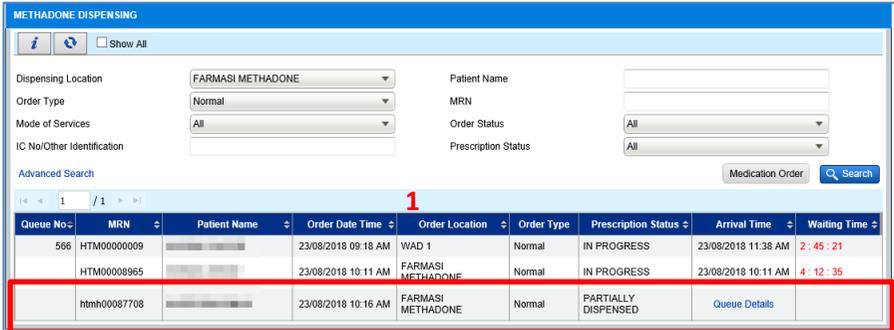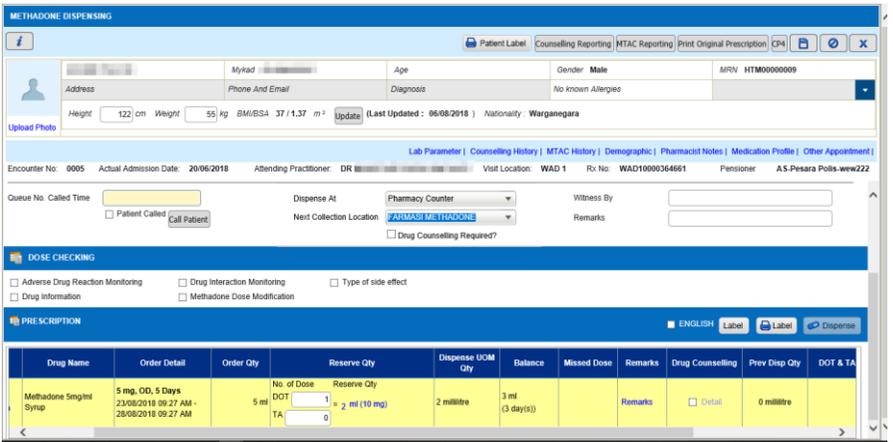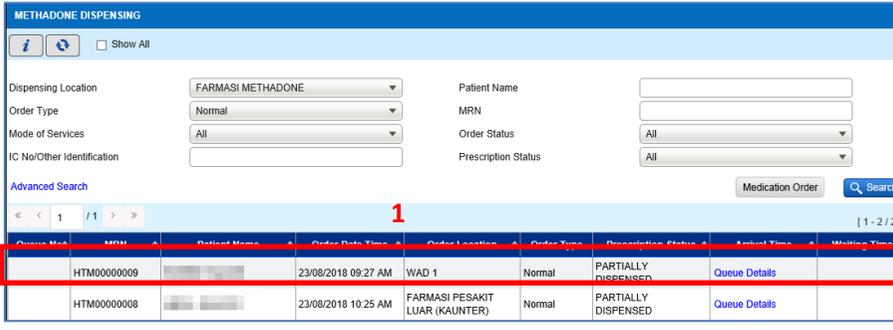
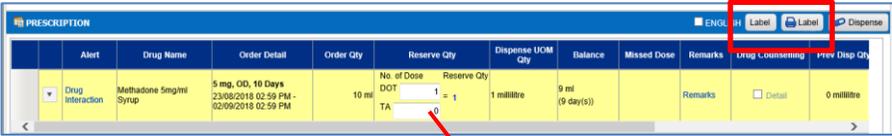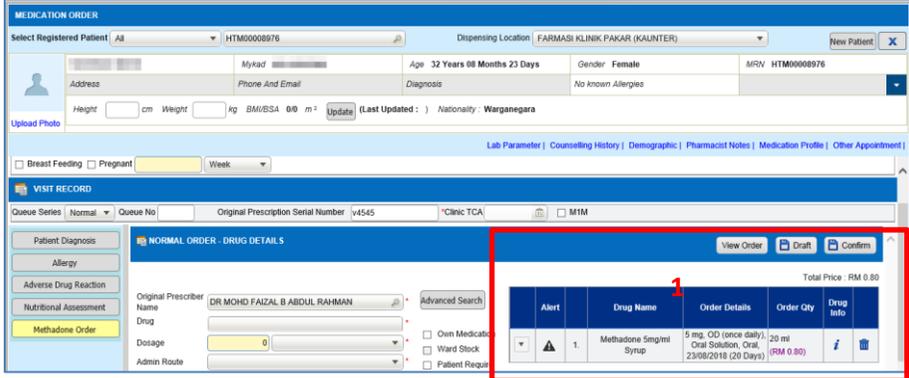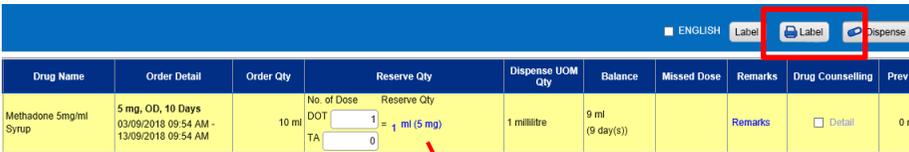| Function Flow	Current Version 1.8	New Version 2.0
	4. User able to disense it again on same day. *Alert to dispense(2)* appear.	4. User not able to dispense again on the same day. *Alert appear as below(2).* 5. However, user able to dispense again using Re-Dispensing module but it will use normal dispensing flow and normal label as in normal order.
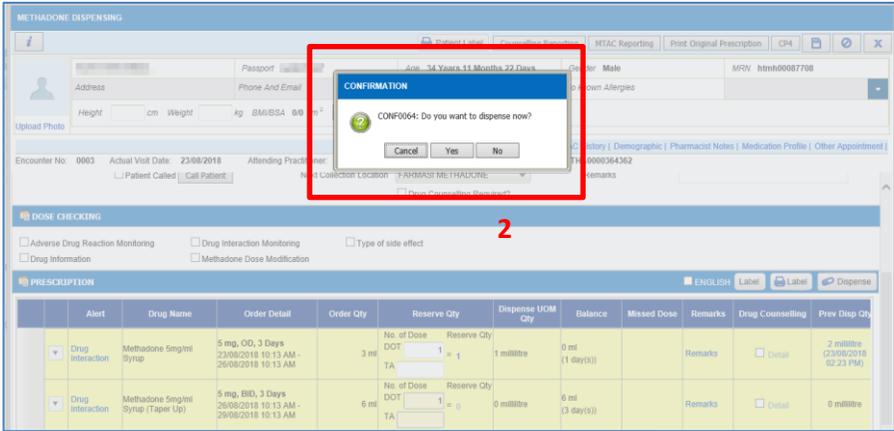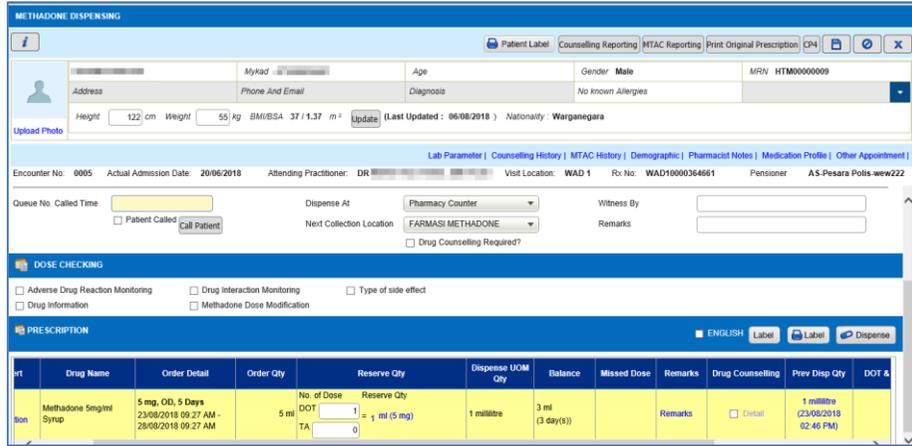
Function Flow	Current Version 1.8	New Version 2.0
		6. At Record Retrieval, user also able to print the methadone drug label but it will print as a normal label.
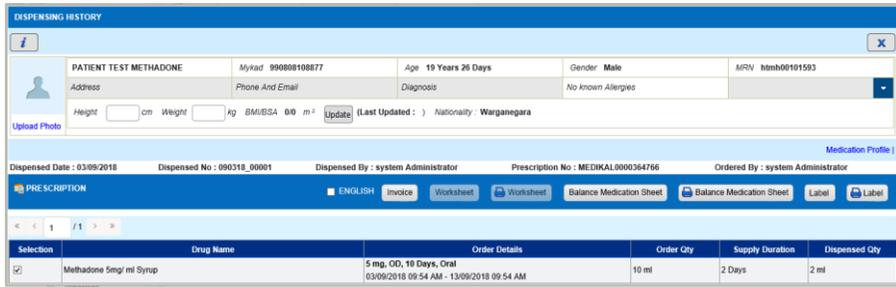
2. Summary of Ticket Number and Requests on Methadone Label

No.	Ticket #	Description	Requests	Proposed Solution

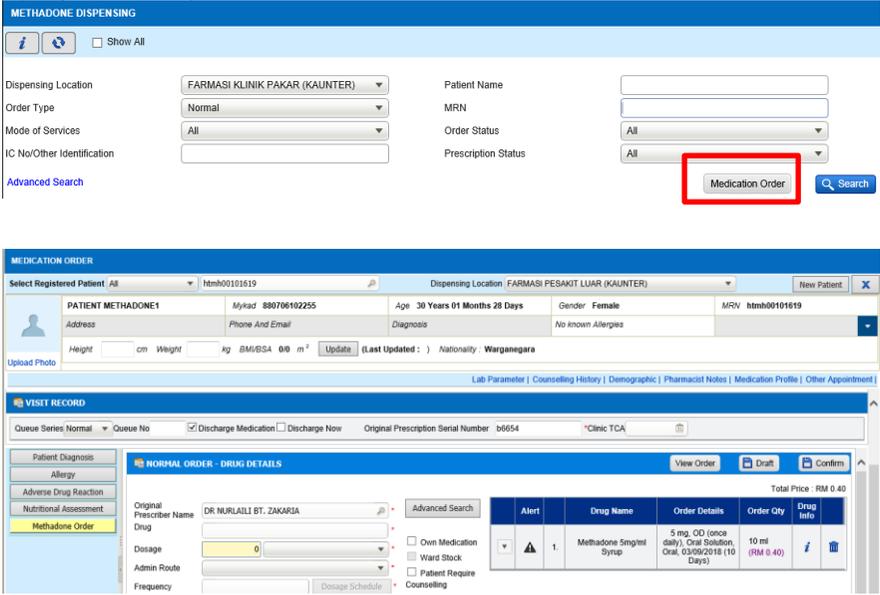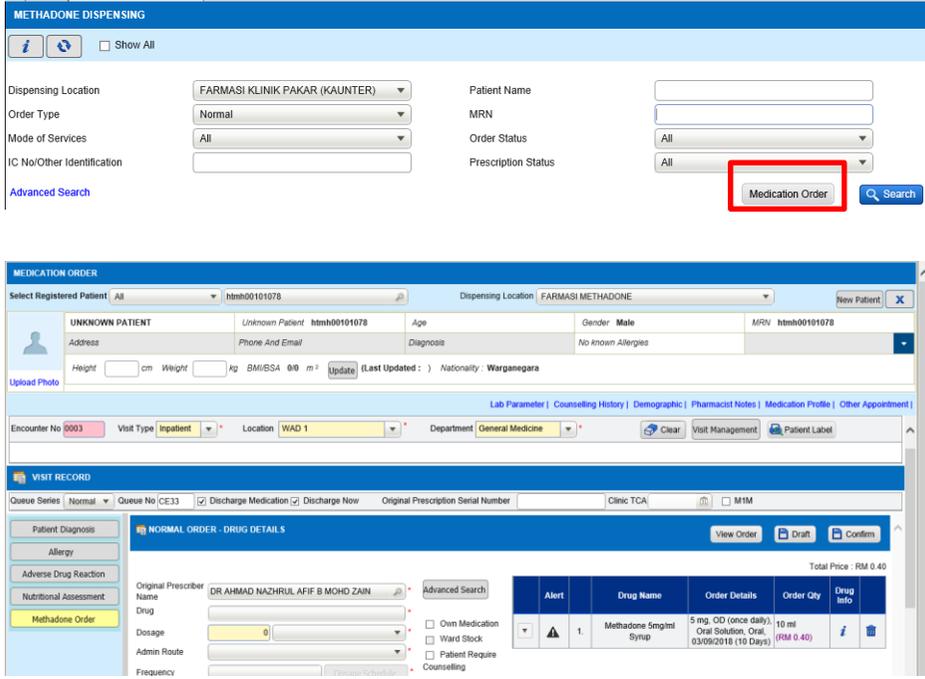| No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS013 452816S	**Methadone Dispensing - print label in Methadone only for take away** Label is only for take away. Remarks: Need more information on the Methadone drug label from BPF.	Print methadone label for take away only.	Label for take away only. Print by dose. To follow existing Methadone label design. Label size will be using same size as drug label size. New label design for methadone drug. No of label to be printed should follow number of dose for take away. (only dispensing done through methadone dispensing screen). Based on the new drug label for methadone:
2.	I-PhIS013 450616S	**Methadone Dispensing - print label more than one for different date** Number of label follow number of TA (different date) Date on TA label need follow date of patient drink for that dose e.g. DOT 4/2/16 = no need label TA 5/2/16 = 1 label (date on label is 5/2/16) TA 6/2/16 = 1 label (date on label is 6/2/16) Remarks: For TA, when print, need 3 label for different date. Pending on label info. Need more information from BPF.	Print methadone label for one day one label, different date different label.	• **TARIKH/DATE** – refer to the **TA dose date** given to the patient. The date display will follow the order date accordingly. *Eg: If user order Methadone, 5mg on 1/7/2018 with OD frequency for 10 days, and during dispensing, user entered DOT=1 and TA=3, when print the label, it will print 3 label with different date for each. First label display **Tarikh=2/7/2018**, second label display **Tarikh=3/7/2018** and third label display **Tarikh=4/7/2018.*** • **MASA/TIME**- refer to **admin time** of drug order. *Eg: If user order Methadone, 5mg on 1/7/2018 with BD frequency for 10 days, and during dispensing, user entered DOT=1 and TA=3, when print the label, it will print 3 label with different date for each. First label display **Tarikh = 1/7/2018 and Masa=8PM,** second label display **Tarikh = 2/7/2018 and Masa=8AM**, third label display **Tarikh= 2/7/2018 Masa=8PM.*** • **DOSE** – number of TA dose for methadone, SKU will refer to the setting of methadone drug in durg master. Current setting using "mg". Example: label should appear as 5mg (if given TA=1) • **PATIENT NAME** – refer to the methadone patient's name • Other information such as hospital's name, telephone number, MRN + RN number, visit location, identification number and others follow same as in normal outpatient label • If dose given for TA=2 (10mg), label must be printed twice. One label show 5mg, and another one shows 5mg.

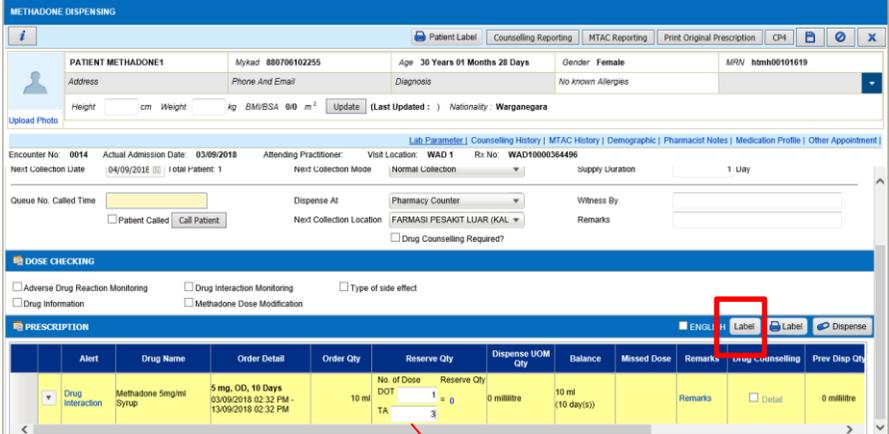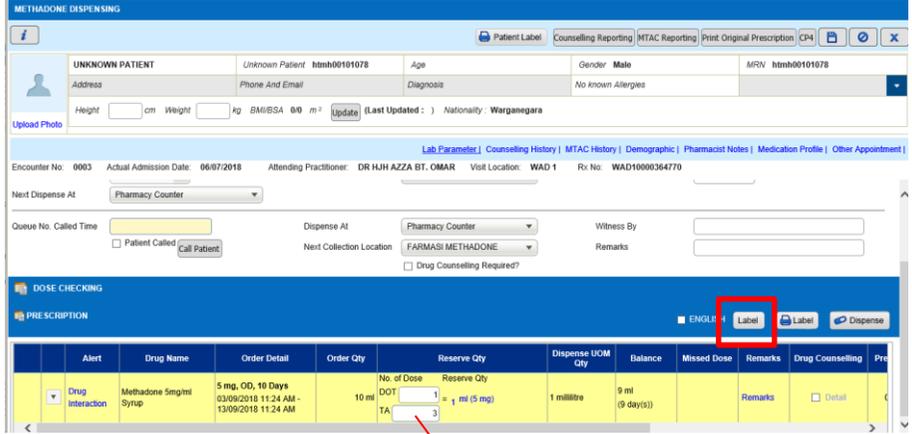| Function Flow	Current Version 1.8	New Version 2.0

Function Flow	Current Version 1.8	New Version 2.0
1. Print Methadone label for Take Away (TA) (Outpatient visit only)	1. Go to medication order and create _methadone order(1)_ for outpatient dispensing. 2. Confirm the order and go to Methadone Dispensing screen. 3. Enter DOT=1 and TA=0 and click on _Label button(2)._ 4. User able to print label if TA=0 in normal drug label format.	1. Go to medication order and create methadone order for outpatient dispensing. 2. Confirm the order and go to Methadone Dispensing screen. 3. Enter DOT=1 and TA=0 and click on _Label button(2)._ 4. User not able to print label if TA=0 and _alert(3)_ will come out.

Function Flow	Current Version 1.8	New Version 2.0
		5. Enter DOT=1 and TA=1 and click on Label button. User ableto to print label. **6.** New label of Methadone will appear as below:

Function Flow	Current Version 1.8	New Version 2.0
		  HOSPITAL TANAH MERAH 00101593() KLINIK PAKAR PERUBATAN 990808108877 **METHADONE SYRUP** Ubat Minum. Goncang botol dahulu. Minum ubat ini sekaligus. TARIKH: 04/09/2018 MASA: 8.00 AM DOSE: 5 mg Mesti diambil/ditelan oleh: **PATIENT TEST METHADONE** Boleh menyebabkan kemudaratan/kematian jika diambil oleh orang lain. UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 03/09/2018 10:02 AM **HOSPITAL TANAH MERAH** 00101593() KLINIK PAKAR PERUBATAN 990808108877 **METHADONE SYRUP** Syrup drug. Shake well before use.Take this drug at once. DATE: 04/09/2018 TIME: 8.00 AM DOSE: 5 mg Must be take/consume by: **PATIENT TEST METHADONE** May cause harm/death if taken by other. UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 03/09/2018 10:10 AM

Function Flow	Current Version 1.8	New Version 2.0
		o **Tarikh/Date** – dispaly the date of the drug should be taken o **Masa/Time** – display the admin time when the drug should be taken o **Dose** – the number of dose given for each taken *Note: Methadone drug label applicable for outpatient order only with TA being filled in. In this version, methadone label for inpatient is not available. However, for normal order (methadone drug + normal drug), user able to print as normal drug label for inpatient or outpatient order.*
2. Discharge order for methadone and label	1. Go to *Medication Order button(1)* and create methadone discharge order. 	1. Go to *Medication Order button(1)* and create methadone discharge order.

Function Flow	Current Version 1.8	New Version 2.0
	2. *Confirm(2)* the order. It will flow to Methadone Dispensing screen. 3. Enter DOT=1 and TA=3 and then click *on Label(3)* button for preview. 4. Drug label as below will appear for discharge order.	2. *Confirm(2)* the order. It will flow to Methadone Dispensing screen. 3. Enter DOT=1 and TA=3 and then click *on Label(3)* button for preview. 4. Drug label as below will appear for discharge order with TA value.

Function Flow	Current Version 1.8	New Version 2.0
	HOSPITAL TANAH MERAH (Tel: 099545000) **PATIENT METHADONE1** htmh00101619 WAD 1 880706102255 **5 mg 1 Kali Sehari** **Diambil** Boleh diambil SEBELUM ATAU SELEPAS makan **Methadone 5mg/ml Syrup** - 03/09/18-04/09/18 [1 hari] 4 ml RM1.00 UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 03/09/2018 02:37 PM	**HOSPITAL TANAH MERAH** 00101593() KLINIK PAKAR PERUBATAN 990808108877 **METHADONE SYRUP** **Ubat Minum. Goncang botol dahulu. Minum ubat ini sekaligus.** Mesti diambil/ditelan oleh: **PATIENT TEST METHADONE** TARIKH: 04/09/2018 MASA: 8.00 AM DOSE: 5 mg Boleh menyebabkan kemudaratan/kematian jika diambil oleh orang lain. UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 03/09/2018 10:02 AM