1. Summary of Ticket Number and Requests on Manufacturing CDR

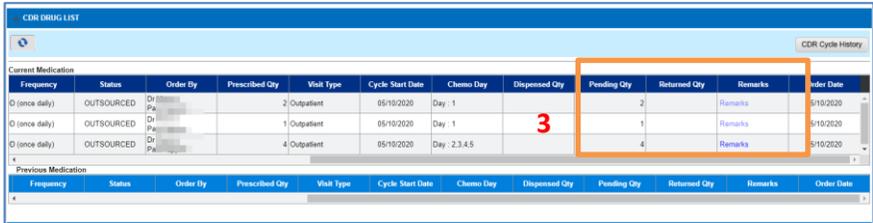| No.	Ticket #	Description	Requests	Solution
1.	I-PhIS047 813118S	**Clinical Summary - No administered column - CDR** User reported he was not able to see administered column for CDR order type for below patient. As confirm by user, when he changes order type = Normal, he able to see administered column. User request to check if this is issue in system OR he like to change request the column exist for CDR order type (if possible). MRN: HMIRI00267828 Rx no: PAEDDC0001010365 - NORMAL Rx no: PAEDDC0001003842 - CDR	When user changes order type = Normal, they able to see administered column	To add Administered Details in Medication Profile for CDR, IV and PN order.

Function Flow	Current Version 2.2	New Version 2.3
1. Medication Profile for CDR to show Administration Details	1. Go to Clinical Summary screen. 2. Search patient with CDR record and the click on *All Medication(1)* link. 	1. Go to Clinical Summary screen. 2. Search patient with CDR record and the click on *All Medication(1)* link.
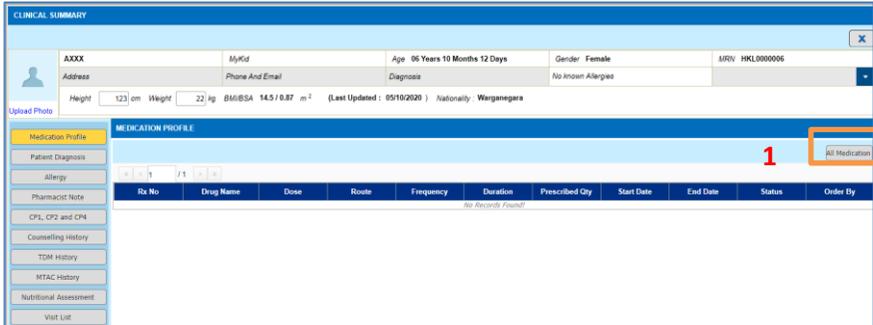
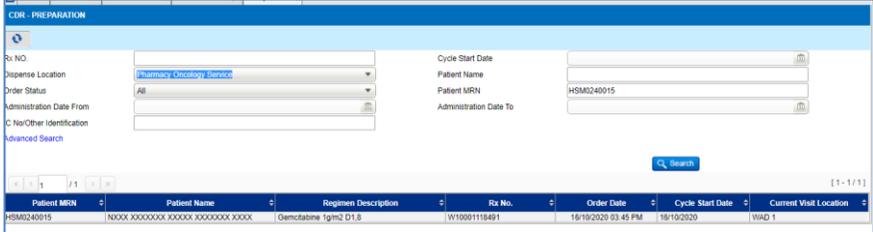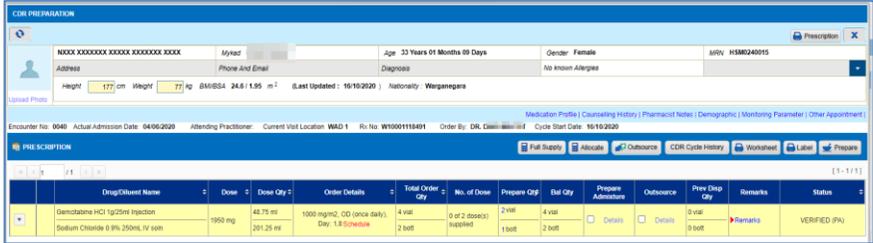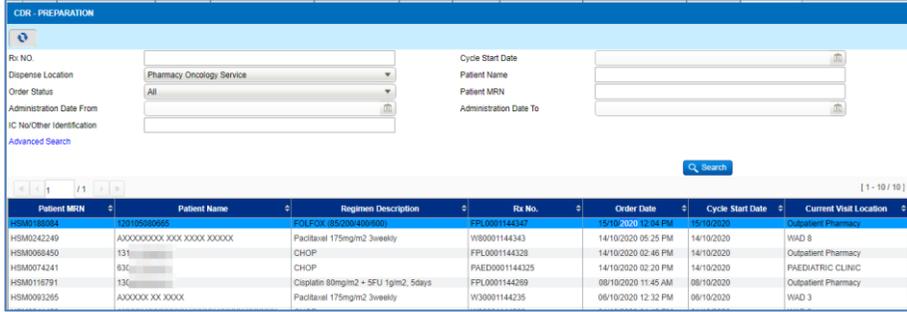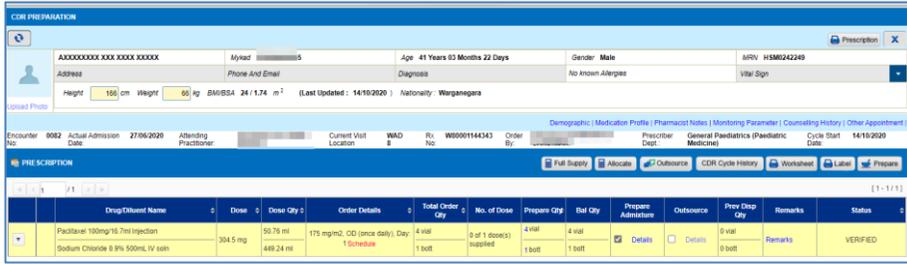| Function Flow	Current Version 2.2	New Version 2.3
	3. Medication Profile screen will appear. 4. Go to CDR section and expand the screen by clicks on *Expand(+) button(2).* 5. Column *Administered with Details hyperlink(3)* is not available in this version. 	3. Medication Profile screen will appear. 4. Go to CDR section and expand the screen by clicks on *Expand(+) button(2).* 5. Column *Administered with Details hyperlink (3)* is being added in this version. 6. Clink on the **Details** hyperlink under this column and user shall be able to see the administration details record (if any) as below. *Notes*: Administered Details record will be available to display only after CDR/IV/PN drug is administered in MAR including infusion drug same as normal medication
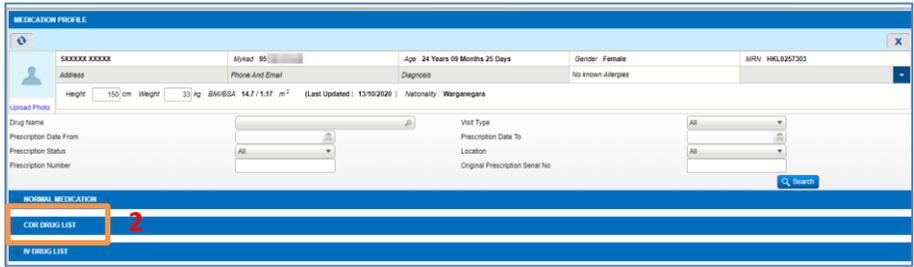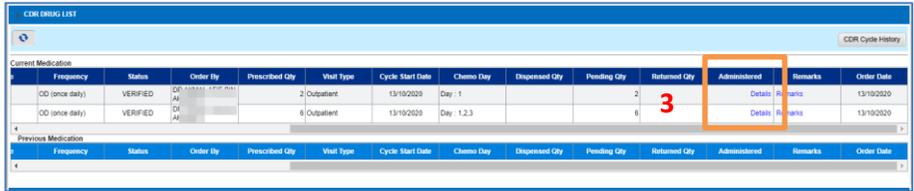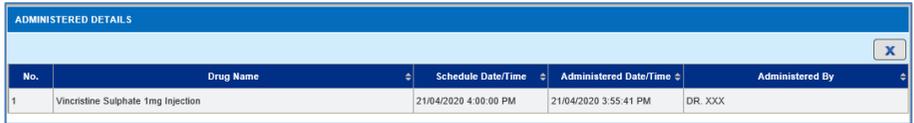
2. Summary of Ticket Number and Requests on Manufacturing CDR

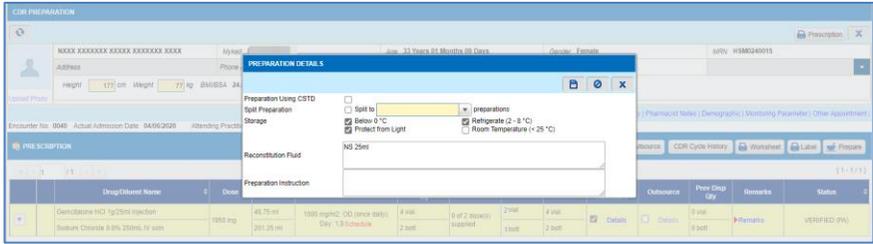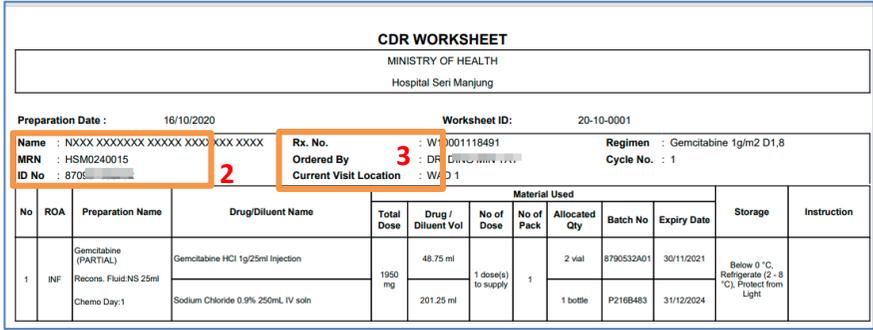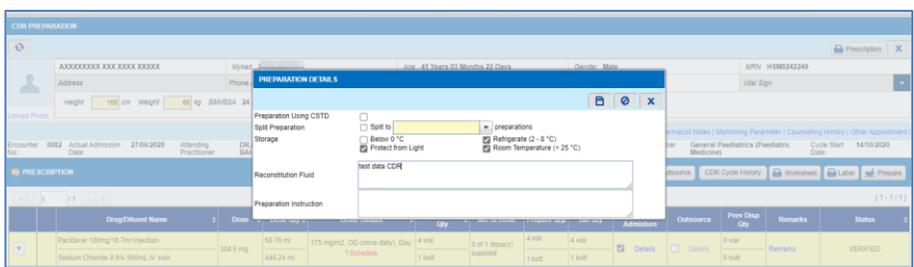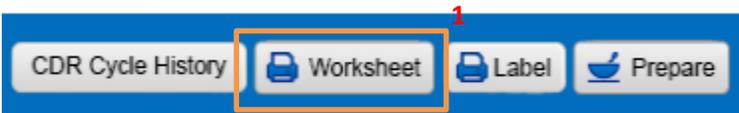| No.	Ticket #	Description	Requests	Solution
1.	I-PhIS049 341119S	**CDR Label - Request to include day of infusion** Email: ISSUE 2: DAY OF INFUSION• TIADA PADA LABEL YANG DICETAK. Sila rujuk lampiran	Add chemo day in label	To enhance CDR label by replace price with chemo day supplied, display full description of ROA, bold the diluent name and display RN value.
2.	I-PhIS049 341419S	**CDR Label - Confusing ROA** Email: ISSUE 3: SHORTFORM• YANG MENGELIRUKAN PENGGUNA INF = INFUSION IVSB = IV SLOW BOLUS	Add full description of ROA	
3.	I-PhIS049 870419S	**CDR - request to use full term of ROA in system** email from user : ROA YANG DINYATAKAN DI KERTAS KERJA MENGGUNAKAN SHORTFORM YANG MENGELIRUKAN Dan ia MENGELIRUKAN PENGGUNA, SILA GUNA SHORTFORM YANG STANDARD ATAU TULIS DENGAN PENUH	Add full description of ROA	
4.	I-PhIS049 369219S	**CDR Label - Request to remove MRN at CDR label** Email: Issue 1. NUMBER SIRI PHIS MENGGUNAKAN FORMAT YANG SAMA DENGAN NOMBOR RN HRPZII [HRPZ00213533] VS [HRPZ553743] Updated:	Add RN number in label	

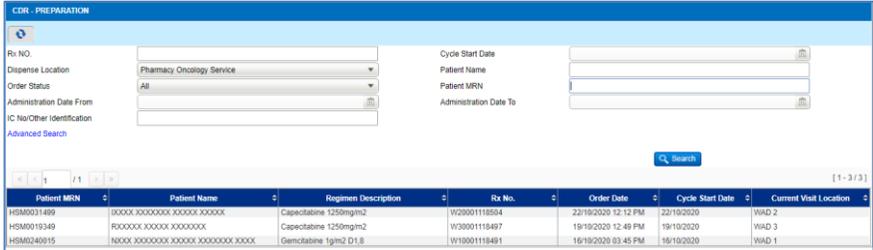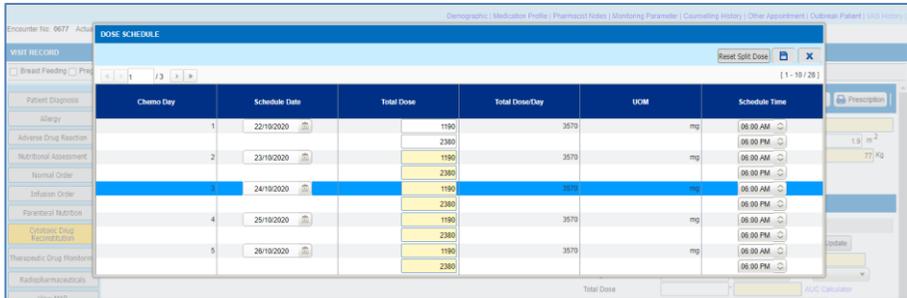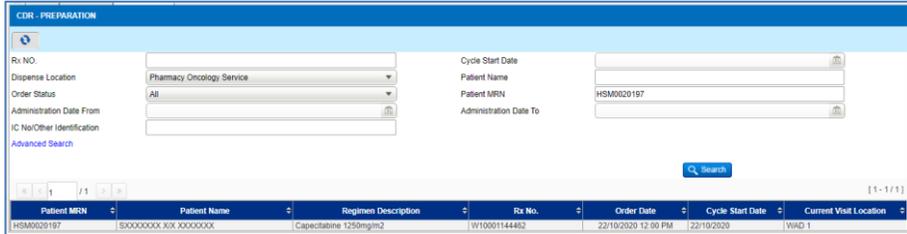| No.	Ticket #	Description	Requests	Solution
		As confirm by user, he request to remove MRN patient at CDR label only due to it might confusing for his staff when want to verify patient. According to user, the RN no is same format with patient registration number.		
5.	I-PhIS045 138018S	**CDR Label - Request to enlarge/bold the font** User request changes for cdr label. She request to enlarge/bold the font for name of drug and name of infusion fluid (highlighted green). These changes is to simplify the labels from too many insignificant details that will distract operators during reconstitution and administration, which may lead to medication error. Also attached is a sample of cdr label from ikn.	To enlarge/bold the font for name of drug and name of infusion fluid	
6.	I-PhIS049 870519S	**CDR - Request to add BSA (UNIT M2)** ISU/MASALAH : BSA (UNIT M2) PESAKIT TIDAK DINYATAKAN PADA KERTAS KERJA PHIS JUSTIFIKASI : UNTUK PROSES COUNTERCHECKING KERTAS KERJA TERUTAMA BAGI PENGIRAAN DOS UBAT CATATAN : DOS UBAT BERGANTUNG KEPADA BERAT, TINGGI & BSA PESAKIT	Add BSA in worksheet	To enhance CDR worksheet by add Patient 'Age', 'Gender', 'Height', 'Weight' and 'BSA' value.
7.	I-PhIS049 871219S	**CDR : Request To add Height in worksheet** From Email: TINGGI (UNIT CENTIMETRE) PESAKIT TIDAK DINYATAKAN PADA KERTAS KERJA PHIS. BERTUJUAN UNTUK PROSES COUNTERCHECKING KERTAS KERJA TERUTAMA BAGI PENGIRAAN DOS UBAT Catatan Tujuan:	Add Weight, Height and BSA in worksheet	

No.	Ticket #	Description	Requests	Solution
		DOS UBAT BERGANTUNG KEPADA BERAT, TINGGI & BSA PESAKIT		
8.	I-PhIS049870619S	**CDR: Request to add weight (kilogram unit) in worksheet** Email: Pengguna memohon penambahan column berat dalam kertas kerja PhIS ISU/MASALAH BERAT (UNIT KILOGRAM) PESAKIT TIDAK DINYATAKAN PADA KERTAS KERJA PHIS JUSTIFIKASI UNTUK PROSES COUNTERCHECKING KERTAS KERJA TERUTAMA BAGI PENGIRAAN DOS UBAT CATATAN DOS UBAT BERGANTUNG KEPADA BERAT, TINGGI & BSA PESAKIT	Add Weight, Height and BSA in worksheet	
9.	I-PhIS049870319S	**CDR: Request to add age in worksheet** Email: Pengguna memohon penambahan column umur di kertas kerja PhIS ISU/MASALAH UMUR PESAKIT TIDAK DINYATAKAN PADA KERTAS KERJA PHIS JUSTIFIKASI UNTUK PROSES COUNTERCHECKING KERTAS KERJA TERUTAMA BAGI PENGIRAAN CREATININE CLEARANCE (CrCl) CATATAN FORMULA CrCl BERGANTUNG KEPADA UMUR & JANTINA PESAKIT	Add gender in worksheet	

No.	Ticket #	Description	Requests	Solution
10.	I-PhIS049 869319S	**CDR: Request to add gender in worksheet** Email: Issue number 2 Pengguna memohon penambahan jantina di kertas kerja PhIS. ISU/MASALAH JANTINA PESAKIT TIDAK DINYATAKAN PADA KERTAS KERJA PHIS JUSTIFIKASI UNTUK PROSES COUNTERCHECKING KERTAS KERJA TERUTAMA BAGI PENGIRAAN CREATININE CLEARANCE (CrCl) CATATAN FORMULA CrCl BERBEZA BERGANTUNG KEPADA UMUR & JANTINA PESAKIT	Add gender in worksheet	
11.	I-PhIS049 257319S	**(UAT 2.1) CDR Preparation - To update screen for Split Dose - Combination Drug** Request to change function for split dose Alternate Combination drug. Update screen layout for split dose combination drug.	Request to change function for split dose Alternate Combination drug	To enhance CDR Combination Drug Details screen for split dose

Function Flow	Current Version 2.2	New Version 2.3
1. Print label CDR with new enhancement	1. Go to Pharmacy Dispensing CDR and open patient record from the Preparation listing. 2. CDR Preparation screen will appear and list the CDR drug. 3. Click on *Print Label(1)* button and preview drug will appear. 4. In CDR Preview label, user shall be able to see only *Price field(2)* and Chemo Day field is not available in this version.	1. Go to Pharmacy Dispensing CDR, search and open patient record from Preparation listing. 2. CDR Preparation screen will appear and list the CDR drug. 3. Click on *Print Label(1)* button and preview drug will appear. 4. In CDR Preview label, user shall be able to see that Price field has been changed to *Chemo Day(2) field*.

Function Flow	Current Version 2.2	New Version 2.3
	CDR EDIT LABEL **3** Select All ☑ ☑ Drug Name Gemcitabine Total Dose 1950 mg Drug Volume 48.75 ml Route Intravenous Infusion Treatment Date 16/10/2020 Prepared Date 16/10/2020 Expire Date/Time 16/10/2020 **2** Price(RM) 144.65 Storage	**CDR EDIT LABEL** **3** Select All ☑ ☑ Drug Name Paclitaxel Total Dose 304.5 mg Drug Volume 50.76 ml Route IV Infusion Treatment Date Prepared Date 14/10/2020 Expire Date/Time 14/10/2020 **2** Chemo Day 1 Storage Refrigerate (2 - 8 °C)

5. Click on *Print(3)* button.
6. CDR Label will be printed with current format as below:

(logo)	**HOSPITAL SERI MANJUNG**	
	CYTOTOXIC DRUG - Handle with care	

NXXX XXXXXX XXXX XXXXXXX XXXX

HSM0240015 **7**   WAD 1 11   87...

Drug name : **GEMCITABINE**   **4** ROA : **INF**
Dose :   **1950 MG**   Vol :**48.75 ML**
IV Fluid : **5** Sodium Chloride 0.9% 250mL IV soln
Inf. Rate : 8.33 ml/Min   Inf. Over : 0 hr 30 m   Vol : 201.25 ml
Treatment Date :   16/10/2020   Total Vol :   250 ml
Prepared Date :   16/10/2020   Exp Date :   16/10/2020
Price :   RM144.65   **6** Exp Time :
Storage :

5. Click on *Print(3)* button.
6. CDR Label will be printed with new changes as below:

(logo)	**HOSPITAL SERI MANJUNG**	
	CYTOTOXIC DRUG - Handle with care	

AXXXXXXX XXX XXXX XXXXX

242249 **7**   WAD 8 2   790...

Drug name : **PACLITAXEL**   **4** ROA : **IV INFUSION**
Dose :   **304.5 MG**   Vol :**50.76 ML**
IV Fluid : **5** **Sodium Chloride 0.9% 500mL IV soln**
Inf. Rate :   Inf. Over :   Vol : 449.24 ml
Treatment Date :   14/10/2020   Total Vol :   50.76 ml
Prepared Date :   14/10/2020   Exp Date :   14/10/2020
Chemo Day :   1   **6** Exp Time :
Storage :   Refrigerate (2 - 8 °C)

Function Flow	Current Version 2.2	New Version 2.3
	7. Current format: ○ ROA - Display *ROA in code(4)* ○ Diluent name – display name in *normal font (5)* ○ Price field – display *Price (6)* ○ Patient MRN - Display *MRN number(7)*	7. New format changes: ○ ROA - Display *ROA in full description(4)* ○ Diluent name – display name in *bold font (5)* ○ Price field – change to *Chemo Day(6)* ○ Patient MRN - Display *RN number(7)*
2. Print CDR worksheet with new field added	1. At Preparation screen, add in Admixture details and save. 2. Click on *Worksheet button(1).* 3. Worksheet will be preview as below:	1. At Preparation screen, add in Admixture details and save. 2. Click on *Worksheet button(1).* 3. Worksheet will be preview as below:

Function Flow	Current Version 2.2	New Version 2.3

	4. Current format worksheet:
	    o Age – *not available(2)* in this version
	    o Gender – *not available(3)* in this version
	    o BSA – *not available(3)* in this version
	    o Height – *not available(3)* in this version
	    o Weight – *not available(3*) in this version
		4. New format worksheet:
		    o Age – *has been added(2)* in this version
		    o Gender – *has been added(3)* in this version
		    o BSA – *has been added(3)* in this version
		    o Height – *has been added(3)* in this version
		    o Weight – *has been added(3)* in this version

3. Enhancement for CDR combination drug details with split dose	1. Order CDR drug with split dose and verify the order. 2. Go to CDR Preparation listing. 3. Select the patient record and open in Preparation. De-allocate first the quantity at Item Batch Details. 4. Then right click on context menu icon and click on *Combination Drug link(1).*	1. Order CDR drug with split dose and verify the order. 2. Go to CDR Preparation listing. 3. Select the patient record and open in Preparation. De-allocate first the quantity at Item Batch Details. 4. Then right click on context menu icon and click on *Combination Drug link(1).*

Function Flow	Current Version 2.2	New Version 2.3

5. Combination Drug Details screen will be displayed as below.

6. Current layout for Combination Drug Details for split dose as below:
   - *Not able to tick/untick split dose checkbox(2)*
   - *Column 'Total Dose/Day' is not available(3)*
   - *Column 'UOM' is not available(3)*
   - Column 'Total Dose' display 1 value of split dose

5. Combination Drug Details screen will be displayed as below:

6. New enhancement for Combination Drug Details for split dose as below:
   - *Able to tick/untick the checkbox for split dose(2)*
   - *UOM column(3)* is being added
   - Existing 'Total Dose' column rename *to 'Total Dose/Day' (3) column* and it will display based on the sum of all 'Total Dose' for all admin time.

3. Summary of Ticket Number and Requests on Report CDR Registry

No.	Ticket #	Description	Requests	Solution
1.	I-PhIS044 813318S	**CDR Registry - Request to include Original Prescription Serial Number** Can the CDR registry be modified to include Original Prescription Serial Number instead of Rx No generated by phis	Request to display original prescription number on the CDR registry	1. Add 'Original Prescription Serial Number' filter & column. 2. Add 'Total Dose' column
2.	I-PhIS044 813418S	**CDR Registry - Request to be display in Strength** Request to display in Strength instead of Quantity dose of the medication (in mg), instead of qty of vials? Because these are more relevant info that we need in the report of daily chemo preparations.	Current CDR registry display quantity (vial). Request to display 'mg' prescribed for the respective patient	
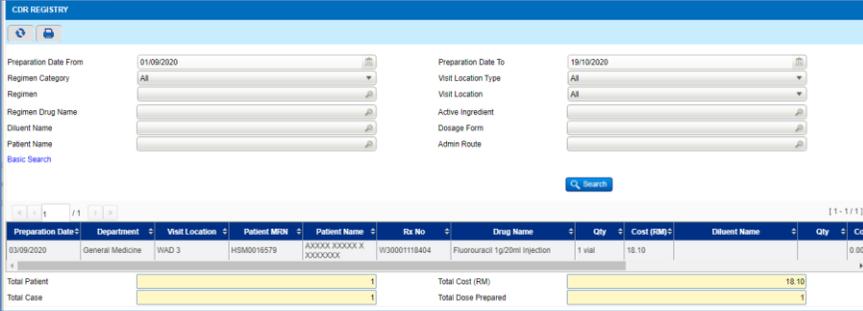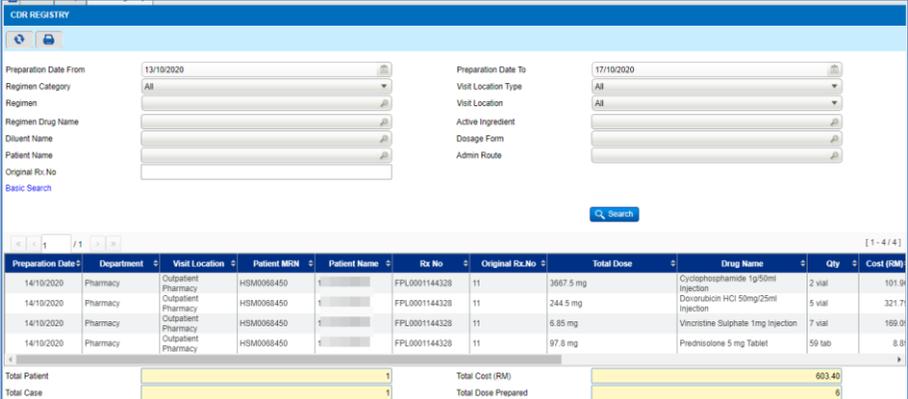
Function Flow	Current Version 2.2	New Version 2.3
1. CDR Registry report	1. Go to CDR Registry report. 2. Filter by *Original Rx No.(1)* is not available in this version 3. *Total Dose column and Original RX No.(2)* column is not available in this version. 	1. Go to CDR Registry report 2. Filter by *Original Rx No.(1)* filter is being added 3. *Total Dose column and Original RX No.(2)* column has been added.