CCMB Chemotherapy Practice Scenarios

1. Program the IV Drugs from the GAST-FOLFOX-6 Regimen

Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
oxaliplatin	100 mg/m²	IV in D5W 500 mL over 2 hours *Nursing Alert: oxaliplatin and leucovorin may be infused over the same 2-hour period using a Y-site connector*
leucovorin	400 mg/m²	IV in D5W 500 mL over 2 hours

1. Program a PRIMary infusion of "IV fluid (D5W or 0.9% NS)"

-Select Care Unit: ADULT Oncology

-Select Category: All Drugs

-Select Drug: IV fluid (D5W or 0.9% NS)

-Program rate of: 100 ml/hr

-Press Start to begin infusion

-Press Stop before programming SECondary

2. Program a SECondary infusion of oxaliplatin

-Select "SECondary" in home menu

-Select "New SECondary"

-Select Drug: "oxaliplatin"

-Enter the amount of drug in the bag: 200mg

-Enter the volume of solution in bag: 530ml *includes 30 ml flush*

-Enter TOT dose to be administered: 200 mg

-Review Programming
-Ensure PRIMary line is clamped and Press Start to begin the SECondary infusion

These are practice scenarios only, they are NOT intended for patient use.

PRACTICE PURPOSES ONLY

3. Simulate end of infusion. Stop your infusion and press to clear the SECondary infusion. Repeat to clear the PRIMary infusion.

4. Program a PRIMary infusion of Leucovorin

      -Select Care Unit: ADULT Oncology

      -Select Category: All Drugs

      -Select Drug: Leucovorin

      -Select Concentration: Custom concentration

      -Enter amount of drug in bag: 100 mg

      -Enter volume in bag: 530ml *includes 30 ml flush

      -Enter total dose to be administered: 100 mg

      -Review Programming and Press Start to begin the infusion

5. Stop your infusion and press to clear.

Tip:
Drugs will only appear in the library they belong to.

Examples:
1.You will not be able to find cyclophosphamide in the primary line drug library as it is only present in the secondary library since it is administered on a secondary line.
2. Paclitaxel will be in both primary and secondary libraries. Primary for desensitization and secondary for standard 1 or 3 hour infusion.

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2. Program riTUXimab rapid infusion (Cycle 1, Day 1) from Treatment Regimen - LYMP-R-CHOP

In this example, we will administer up to a maximum of 150mg/hr

riTUXimab (IV brand name specific)	375 mg/m^2	**Slow infusion (if greater than 6 months since last riTUXimab dose or no previous riTUXimab):** IV made up to a final concentration of 1 mg/mL in normal saline. Start at 50 mg/hr for 60 minutes and escalate infusion rate in 50 mg/hr increments every 30 minutes to a maximum of 400 mg/hr *Nursing Alert: IV tubing is primed with riTUXimab*

1. Program a PRIMary infusion of "riTUXimab"

    -Select Care Unit: ADULT Oncology

    -Select Category: All Drugs

    -Select Drug: riTUXimab

    -Enter amount of drug in bag or syringe: 700mg

    -Enter volume in bag: 700mL

    -Enter VTBI: 50mL

    -Review Programming and Press Start to begin the infusion

2. Simulate that 50 mL have infused, press Stop and change the parameters for Step 2 of protocol

    -Select Doserate and change to of 100mg/hr

    -Change VTBI to: 50mL

    -Review Programming and Press Start to begin the infusion

3. Simulate that 50 mL have infused, press Stop and change the parameters for Step 3 of protocol

    -Select Doserate and change to of 150mg/hr

    -Change VTBI to: 75ml

    -Review Programming and Press Start to begin the infusion

4. Simulate that protocol is complete. Stop your infusion and press to clear the PRIMary infusion.

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3. Program the IV Drugs from the Gyne-PACLitaxel + CARBOplatin Regimen

dexamethasone	20 mg	IV in normal saline 50 mL over 15 minutes **1 hour** prior to PACLitaxel *Nursing Alert: PACLitaxel starts **1 hour after completion** of dexamethasone infusion*
Wait 1 hour after completion of IV pre-medication(s) before starting PACLitaxel		
PACLitaxel	175 mg/m^2	IV in normal saline 500 mL over 3 hours, following the administration rates below: • Administer at 100 mL/hour for 15 minutes, then • Administer remaining volume over 2 hours and 45 minutes
CARBOplatin	AUC 6 mg/mL.min; maximum dose 900 mg (see table below)	IV in D5W 250 mL over 30 minutes

1. Program a PRIMary infusion of "IV fluid (D5W or 0.9% NS)"

    -Select Care Unit: ADULT Oncology

    -Select Category: All Drugs

    -Select Medication: *IV fluid (D5W or 0.9% NS)

    -Program rate of: 100/hr

    -Press Start to begin infusion

    -Press Stop before programming SECondary infusion

2. Program a SECondary infusion of dexamethasone

    -Select "Secondary" in home menu

    -Select "New Secondary"

    -Select Drug: dexamethasone

    -Select concentration: Custom concentration

    -Enter amount of drug in bag/syinge: 20mg

    -Enter volume in bag: 80mL *includes 30 ml flush*

    -Enter Total Dose to be administered: 20mg

    -Answer "yes" to override soft limit

    -Review programming, ensure the PRIMary line is clamped and Press Start to begin the infusion

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PRACTICE PURPOSES ONLY

3. Stop your infusion and press (c) to clear the SECondary infusion only.

4. Program a SECondary infusion of "PACLitaxel in 500mL (Step 1)"

       -Select "Secondary" in home menu

       -Select "New Secondary"

       -Select Drug: PACLitaxel in 500mL (Step 1)

       -Review Programming and Press Start to begin the infusion

5. Stop your infusion and press (c) to clear the SECondary infusion only.

6. Program a SECondary infusion of "PACLitaxel in 500mL (Step 2)"

     -Select "Secondary" in home menu

     -Select "New Secondary"

     -Select Drug: PACLitaxel in 500mL (Step 2)

     -Enter a VTBI of: 430 mL *includes 30 ml flush*

     -Enter a time of infusion of: 2h:45min

     -Review Programming and Press Start to begin the infusion

7. Stop your infusion and press (c) to clear the SECondary infusion only.

8. Program a SECondary infusion of "Carboplatin"

     -Select "Secondary" in home menu

     -Select "New Secondary"

     -Select Drug: CARBOplatin

     -Enter amount of drug in bag: 600mg

     -Enter volume in bag: 280 ml *includes 30 ml flush*

     -Enter Total dose to be administered: 600mg

     -Review Programming, Press Start to begin the infusion

9. Simulate end of protocol. Stop your infusion and press (c) to clear the SECondary infusion. Repeat to clear the PRIMary infusion.

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