

## Regimen Reference Order – DOCEtaxel desensitization

DOCEtaxel desensitization protocol is prescribed in combination with a DOCEtaxel-based protocol

To order this therapy in ARIA, refer to Additional Information below

**Planned Course:** Refer to prescribed DOCEtaxel-based protocol

**Indication for Use:** Eligible patients with previous hypersensitivity reactions to DOCEtaxel

**Alert:** Desensitization protocol

**DOCEtaxel:**

- *DOCEtaxel is prepared in 3 separate bags with a total volume of 250 mL in each bag*
- *DOCEtaxel must be the first chemotherapy agent administered when given in combination with another chemotherapy agent*
- *IV tubing is primed with DOCEtaxel (Cytotoxic)*
- *DOCEtaxel is administered slowly following specified rate increases. DOCEtaxel infusion takes approximately 5.75 hours to complete*

**CVAD:** At Provider’s Discretion

**Blood work requirements:**  
*Refer to prescribed DOCEtaxel-based protocol*

### SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements		
Drug	Dose	CCMB Administration Guideline
dexamethasone	8 mg	Orally twice daily the day before DOCEtaxel treatment and one dose the morning of DOCEtaxel treatment <b>(Self-administered at home)</b> <i>*Nursing Alert: Notify physician if patient has not taken dexamethasone</i>

Treatment Regimen – DOCEtaxel desensitization		
Establish primary solution 500 mL of: normal saline		
Drug	Dose	CCMB Administration Guideline
famotidine	40 mg	Orally <b>1 hour</b> prior to DOCEtaxel
montelukast	10 mg	Orally <b>1 hour</b> prior to DOCEtaxel
cetirizine	20 mg	Orally <b>1 hour</b> prior to DOCEtaxel

dexamethasone	12 mg	IV in normal saline 50 mL over 15 minutes <b>1 hour</b> prior to DOCEtaxel <i>*Nursing Alert: this dose is in addition to the 8 mg self-administered dose taken at home morning of Day 1</i> <i>*Nursing Alert: DOCEtaxel starts 1 hour after completion of dexamethasone infusion</i>
<b>Wait 1 hour after completion of IV pre-medication(s) before starting DOCEtaxel</b>		
DOCEtaxel	1/100 <sup>th</sup> (1%) of dose (BAG 1)	IV in normal saline 250 mL following the administration rates below: <b>Step 1:</b> 2.5 mL/hour for 15 minutes, then <b>Step 2:</b> 5 mL/hour for 15 minutes, then <b>Step 3:</b> 10 mL/hour for 15 minutes, then <b>Step 4:</b> 20 mL/hour for 15 minutes <b>Once step 4 is complete, discard remainder of bag and proceed immediately to BAG 2</b> <i>Use non-DEHP bags and non-DEHP administration sets</i> <i>*Alert: Pharmacy to ensure final volume in bag = 250 mL</i> <i>*Alert: DOCEtaxel must be the first chemotherapy agent administered when given in combination with another chemotherapy agent</i> <i>*Nursing Alert: IV tubing is primed with DOCEtaxel</i>
	1/10 <sup>th</sup> (10%) of dose (BAG 2)	IV in normal saline 250 mL following the administration rates below: <b>Step 5:</b> 5 mL/hour for 15 minutes, then <b>Step 6:</b> 10 mL/hour for 15 minutes, then <b>Step 7:</b> 20 mL/hour for 15 minutes, then <b>Step 8:</b> 40 mL/hour for 15 minutes <b>Once step 8 is complete, discard remainder of bag and proceed immediately to BAG 3</b> <i>Use non-DEHP bags and non-DEHP administration sets</i> <i>*Alert: Pharmacy to ensure final volume in bag = 250 mL</i> <i>*Nursing Alert: IV tubing is primed with DOCEtaxel</i>
	99.2% of dose (BAG 3)	IV in normal saline 250 mL following the administration rates below: <b>Step 9:</b> 10 mL/hour for 15 minutes, then <b>Step 10:</b> 20 mL/hour for 15 minutes, then <b>Step 11:</b> 40 mL/hour for 15 minutes, then <b>Step 12:</b> 80 mL/hour until infusion is complete <i>Use non-DEHP bags and non-DEHP administration sets</i> <i>*Alert: Pharmacy to ensure final volume in bag = 250 mL</i> <i>*Nursing Alert: IV tubing is primed with DOCEtaxel</i>
normal saline	100 mL	<b>ONLY</b> for patients with a PORT IV at the same administration rate as the last DOCEtaxel step <i>*Nursing Alert: This volume is to be administered after standard flush</i>

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

## REQUIRED MONITORING

### All Cycles

- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O2 saturation) at baseline and as clinically indicated
- No observation period is required after DOCEtaxel administration. Patient can be discharged from treatment room if stable whether they had a reaction or not
- Refer to the prescribed DOCEtaxel-based protocol for additional monitoring

### Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
<i>Refer to prescribed DOCEtaxel-based protocol</i>		

## DISCHARGE INSTRUCTIONS

- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity occur after discharge
- Refer to the prescribed DOCEtaxel-based protocol for additional instructions
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

## ADDITIONAL INFORMATION

- Oncologist must write first prescription of DOCEtaxel desensitization protocol
- Once the patient requires DOCEtaxel desensitization protocol, all subsequent DOCEtaxel doses must be given using DOCEtaxel desensitization protocol
- Refer to the prescribed DOCEtaxel-based protocol for additional DOCEtaxel information
- **ARIA ordering:** Support protocols are available under **DOCEtaxel 75 mg/m<sup>2</sup>** and **DOCEtaxel 100 mg/m<sup>2</sup>** in the "Desensitization" folder
- Due to the duration of treatment, administration site restrictions may be in place for DOCEtaxel desensitization