

### Adding the Erythropoietin Management ESA Powerplan

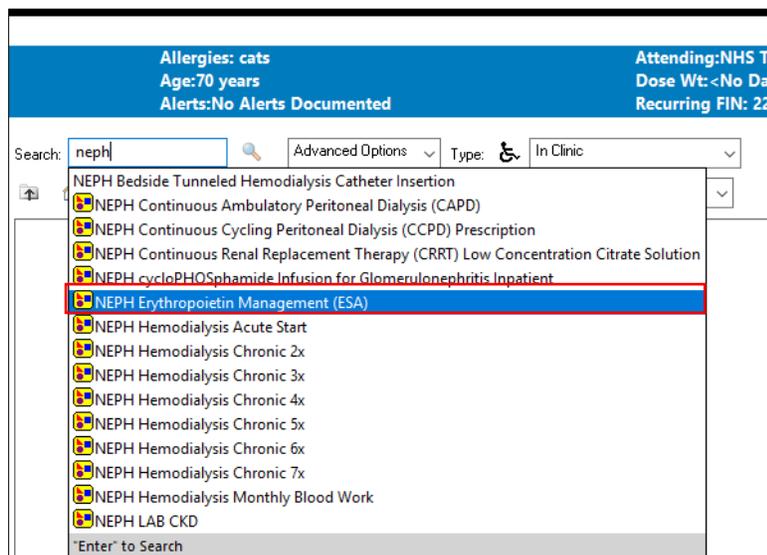
#### Adding the Erythropoietin Management ESA Powerplan

The order for darbepoetin alfa is ordered in the **NEPH Erythropoietin Management (ESA)** Powerplan.

The darbepoetin order cannot be added as a phase to the Hemodialysis Powerplan.

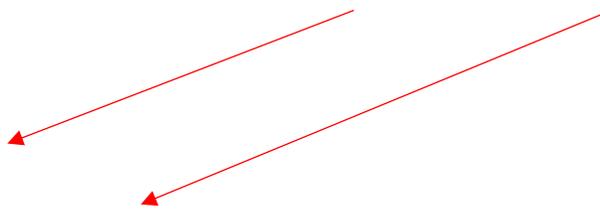
Navigate to the Table of Contents and select **Add Orders** or  from within the Orders mPage select Add. 

In the Add Order dialogue box search for '**Neph Erythropoietin Management (ESA)**'



The Powerplan details displays.

Carefully review all the orders and Patient Care Information and Communication Orders in the Powerplan.



NEPH Erythropoietin Management (ESA) (Planned Pending)		
Admission/Transfer/Discharge	The purpose of this order set is for the administration and management of Intravenous Erythropoiesis-Stimulating Agents (ESA) for the Management of Chronic Anemia in Hemodialysis.	
Patient Care	Physician to order initial dose for darbepoetin. Nurse to cancel/discontinue the dose and 'add to phase' the adjusted dose as appropriate as per the ESA adjustment table.	
<input checked="" type="checkbox"/> Communication Order	Maintain target Hemoglobin (Hgb) between ____ g/L and ____ g/L. Hold ESA if Hgb is greater than ____	
Medications	<input type="checkbox"/> darbepoetin alfa <span style="float: right;">▼ Select an order sentence</span>	
Dose Adjustments		
<input checked="" type="checkbox"/> Notify Prescriber Laboratory Results	T;N	Continue with dose adjustments AND inform physician for further orders if: *Hgb is elevated greater than
<input checked="" type="checkbox"/> Nurse to order CBC when	T;N, See comments...	CBC with monthly blood work will be used to assess ESA dose adjustment. If Hgb has dropped 20 g/L or
<input checked="" type="checkbox"/> Communication Order	T;N	ESA Dose Adjustments : *If Hgb is greater than target but less than the hold point, reduce ESA to one dose

Review the Laboratory Orders. If this is a new patient, keep all enrollment blood work as selected and order, other wise deselect these labs if not a new enrollment.

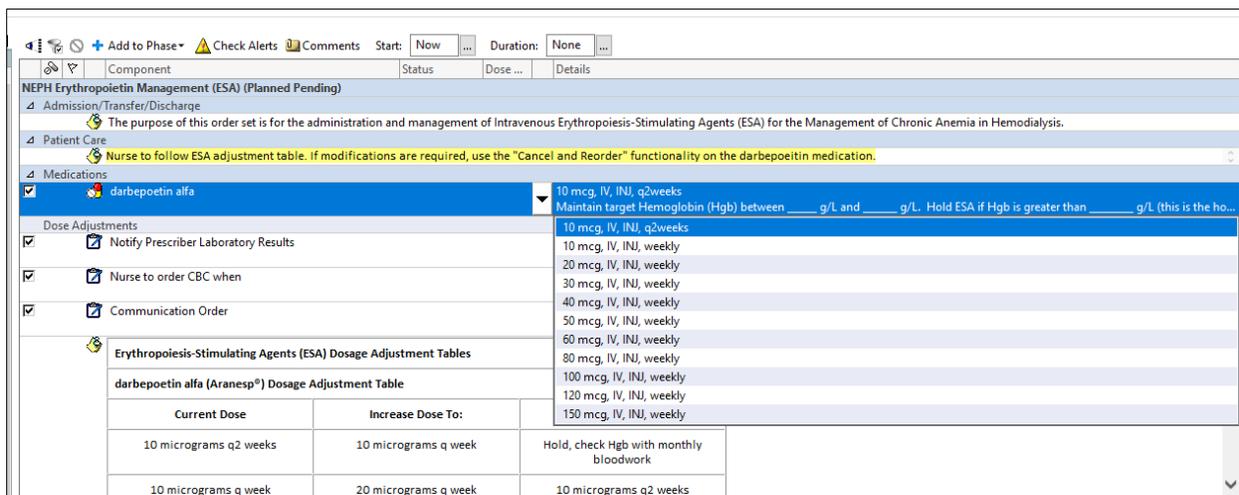
NEPH Erythropoietin Management (ESA) (Planned)		
Last updated on: 2024-Nov-06 11:31 by: Hall, Cheryl		
Admission/Transfer/Discharge	The purpose of this order set is for the administration and management of Intravenous Erythropoiesis-Stimulating Agents (ESA) for the Man	
Patient Care	Physician to order initial dose for darbepoetin. Nurse to cancel/discontinue the dose and 'add to phase' the adjusted dose as appropriate as per the ESA adjustment table.	
<input checked="" type="checkbox"/> Communication Order	Maintain target Hemoglobin (Hgb) between ____ g	
Medications	<input checked="" type="checkbox"/> darbepoetin alfa <span style="float: right;">▼ 120 mcg, IV, INJ, weekly</span>	
Dose Adjustments		
<input checked="" type="checkbox"/> Notify Prescriber Laboratory Results	T;N	Continue with dose adjustments AND inform physici
<input checked="" type="checkbox"/> Nurse to order CBC when	T;N, See comments...	CBC with monthly blood work will be used to assess
<input checked="" type="checkbox"/> Communication Order	T;N	ESA Dose Adjustments : *If Hgb is greater than target
<b>Erythropoiesis-Stimulating Agents (ESA) Dosage Adjustment Tables</b> <b>darbepoetin alfa (Aranesp®) Dosage Adjustment Table</b>		
	Current Dose	Increase Dose To:
	10 micrograms q2 weeks	10 micrograms q week
		Decrease Dose To:
		Hold, check Hgb with monthly bloodwork
	10 micrograms q week	20 micrograms q week
		10 micrograms q2 weeks
Laboratory		
<input checked="" type="checkbox"/> Complete Blood Count (CBC)	Blood, Routine, once, T;N, Nurse collect	
<input checked="" type="checkbox"/> Reticulocyte/CBC	Blood, Routine, once, T;N, Nurse collect	
<input checked="" type="checkbox"/> Iron/TIBC/SAT Profile (TIBC)	Blood, Routine, once, T;N, Nurse collect	
<input checked="" type="checkbox"/> Ferritin	Blood, Routine, once, T;N, Nurse collect	
<input checked="" type="checkbox"/> Vitamin B12 Level	Blood, Routine, once, T;N, Nurse collect	
<input checked="" type="checkbox"/> Erythropoietin	Blood, Routine, once, T;N, Nurse collect	

Navigate to the darbopoetin order and the click the down arrow and select the desired order sentence.

Note the blue circle with the x indicates there is information that is required for this order.

A list of possible order sentences displays.

Select the appropriate dosage. \*Note the default dosage is 10 mcg



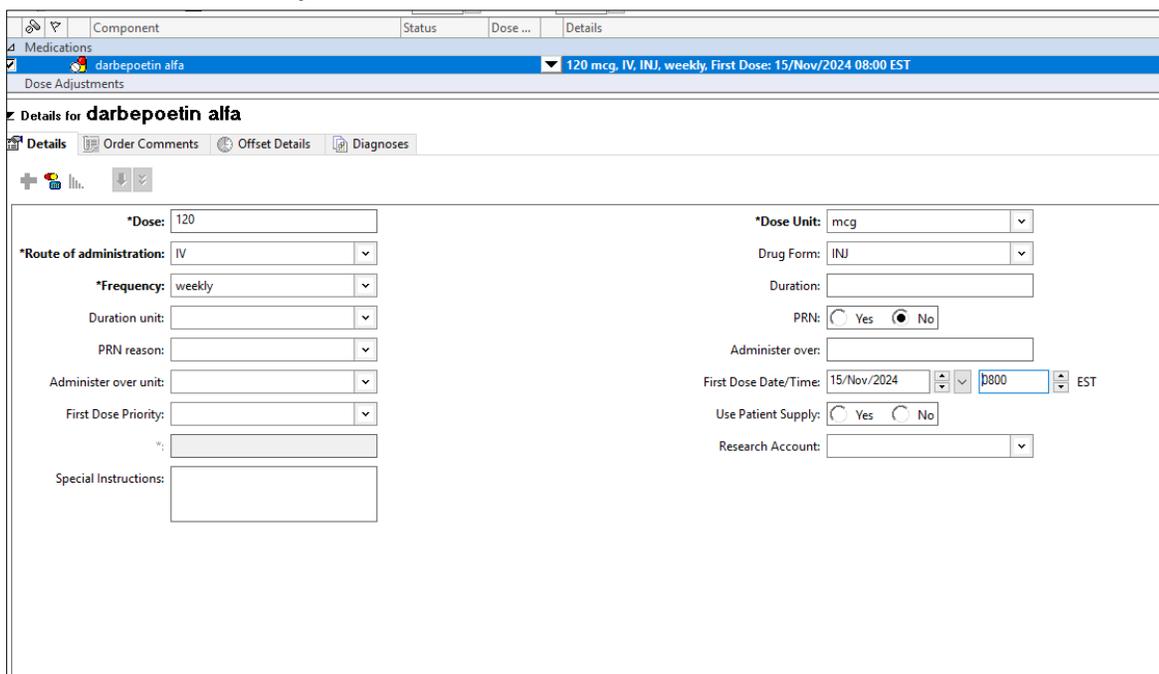
The screenshot shows the medication order entry screen for darbepoetin alfa. The 'Dose Adjustments' dropdown menu is open, displaying various dosage options. The current selection is '10 mcg, IV, INJ, q2weeks'. Below the dropdown, the 'Erythropoiesis-Stimulating Agents (ESA) Dosage Adjustment Tables' are visible, including the 'darbepoetin alfa (Aranesp®) Dosage Adjustment Table'.

Current Dose	Increase Dose To:	
10 micrograms q2 weeks	10 micrograms q week	Hold, check Hgb with monthly bloodwork
10 micrograms q week	20 micrograms q week	10 micrograms q2 weeks

Once you select the order sentence, you will be prompted to enter the **Ordering Physician's name**.

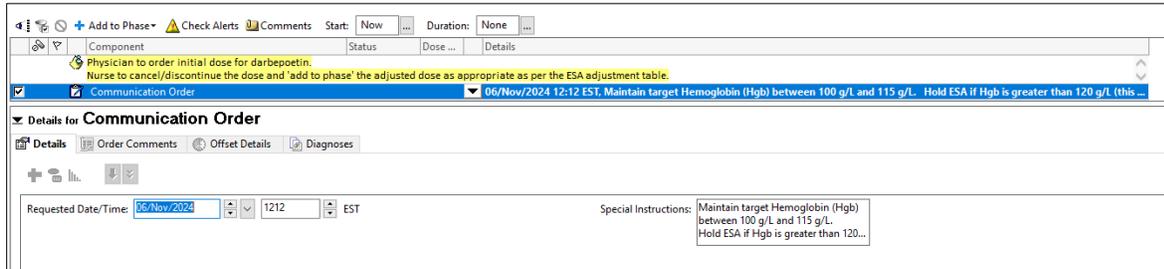
Enter the **Physician Name** and the **Communication type**. The Details for darbepoetin alfa displays at which time you can review the order.

Enter the **First Dost Date/Time**



The screenshot shows the 'Details for darbepoetin alfa' screen. The medication is set to 120 mcg, IV, INJ, weekly, with a first dose on 15/Nov/2024 at 08:00 EST. The 'Dose' field is set to 120, and the 'Dose Unit' is mcg. The 'Route of administration' is IV, and the 'Frequency' is weekly. The 'First Dose Date/Time' is 15/Nov/2024 at 0800 EST.

Select the Communication order and enter the Requested Date/Time values for dosage ranges for the Darbeoetin in the **Special Instructions** box



The screenshot shows a software interface for a Communication Order. At the top, there are navigation icons and fields for 'Start' (Now) and 'Duration' (None). Below this is a 'Component' dropdown menu. A yellow tooltip message reads: 'Physician to order initial dose for darbepoetin. Nurse to cancel/discontinue the dose and 'add to phase' the adjusted dose as appropriate as per the ESA adjustment table.' The selected order is 'Communication Order' with a dropdown menu showing '06/Nov/2024 12:12 EST. Maintain target Hemoglobin (Hgb) between 100 g/L and 115 g/L. Hold ESA if Hgb is greater than 120 g/L (this...'. Underneath, there are tabs for 'Details', 'Order Comments', 'Offset Details', and 'Diagnoses'. The 'Details' tab is active, showing 'Requested Date/Time: 06/Nov/2024 12:12 EST' and a 'Special Instructions' field containing the text: 'Maintain target Hemoglobin (Hgb) between 100 g/L and 115 g/L. Hold ESA if Hgb is greater than 120...'.

Select **Plan for Later** and **Sign**.

Once you **initiate** the Powerplan, the Darbeoetin will appear on the MAR.