

SKILL SHARPENER ACTIVITY
CST Enterprise Clinical Informatics

**BC Children's Renal Clinics
Anemia and Vitamin D Deficiency
Management Workflow
(Providers and Nurses)**

Last Update: June 29, 2023

Learning Objectives

- To receive hands on experience with the **Anemia/Vitamin D Deficiency** workflow
- To understand why this workflow is potentially required to provide patient care

Scenario

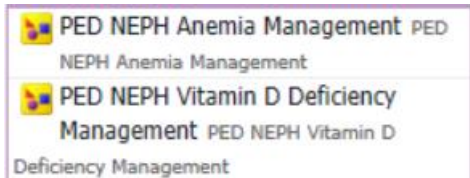
You are working in the CKCC, GNC or PD Clinic and your patient needs to be initiated on Anemia Management or Vitamin D Deficiency medications. At a later date, the patient then needs their dose titrated based on the algorithms.

Complete Activity Setup

■ Domain	S0783
■ Required Login(s)	Provided by Peer Mentor
■ Required Password	
■ Patient	
■ Encounter Type	
■ Location	
■ Provider Name Used	Test, Alex

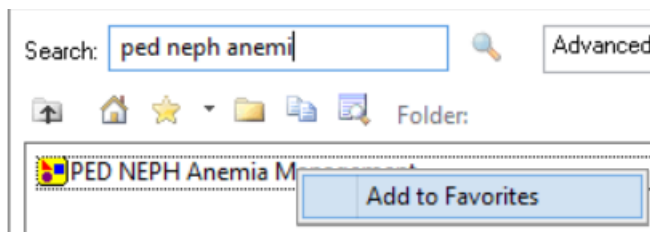
Starting your Patient on Anemia or Vitamin D Deficiency Medication (Providers OR Nursing)

1. Once in the patient’s chart, find the applicable powerplan:

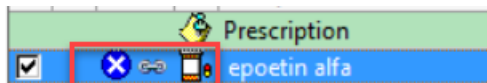


Providers: These powerplans are in your Quick orders under the CKD section


Nurses: Search for these powerplans within the Add orders catalogue. Once you find the powerplan, you can save it as a favourite for easy access. Once you select the powerplan, you will need to input the ordering provider’s name and route the powerplan for co-signature.



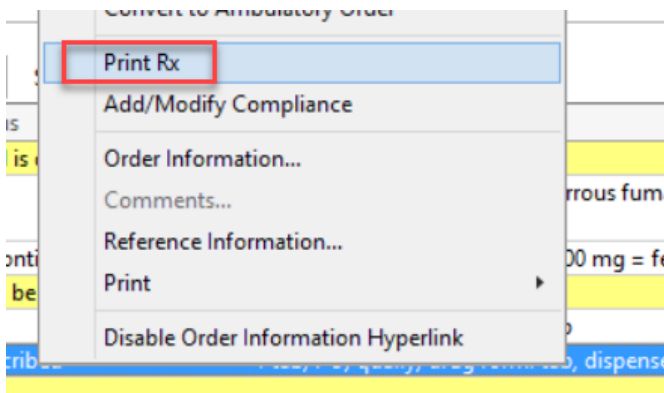
2. Once in the powerplan, select the appropriate medication prescription order based on your review of the Anemia Management Protocol / Vitamin D Deficiency Algorithm. Make sure to take note of the symbols within these powerplans. For the outpatient clinic setting, make sure to select the orders with the **pill bottle**. The blue circle with an X means there are **mandatory details to be filled out** within the order prior to signing.




3. Once you have completed all mandatory fields within the order, **Initiate Now/Sign** the powerplan. A paper prescription will print once the powerplan is signed and this **prescription will need a provider's wet signature to be valid.**

 **NOTE: Do not forget to enter this medication into PROMIS**

4. If you ever need to re-print the prescription, you can right click on the active prescription medication order and select Print Rx

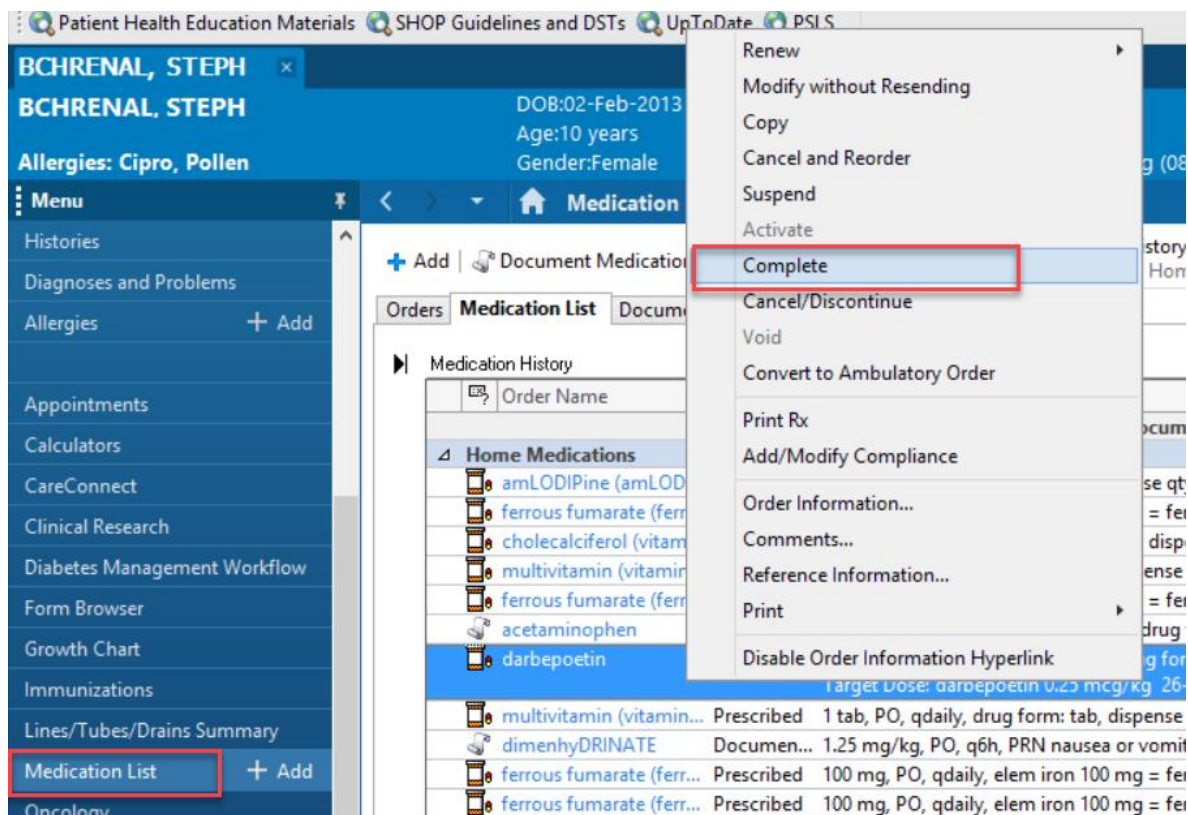


 **NOTE:** The Anemia Powerplan will display as **PED NEPH Anemia Management (Initiated)** within the order section once the order has been signed.
The Vitamin D Powerplan will display as **PED NEPH Vitamin D Deficiency Management (Completed)**.

Titrating the Patient's Prescribed Medication Dose

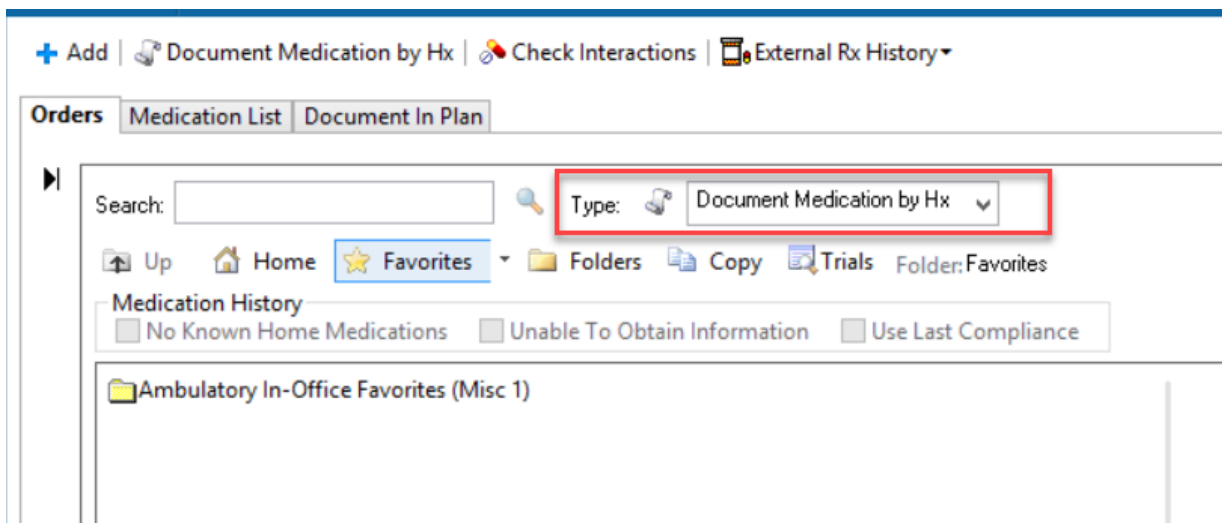
1. Once you have reviewed the applicable algorithm/protocol and you have determined the patient's dose needs to be changed....

From within the patient's **Home Medication list**, find the medication that needs a dose change, right click on the order, and click **Complete**.



2. **If the patient’s dose needs to be adjusted but they still have an existing supply and a new prescription is not needed to be sent to the pharmacy/given to the patient** – After completing the historic prescription order, within the Add Order catalogue, Search for the appropriate medication/dose etc and enter the order as a **Document Medication by Hx.**

This will allow you to update the system with the patient’s new dose, but no prescription will print.



If the patient’s dose needs to be adjusted and a new prescription is needed to be given to the patient/sent to the pharmacy – Complete the historic prescription order from the patient’s Home Medication list and then....

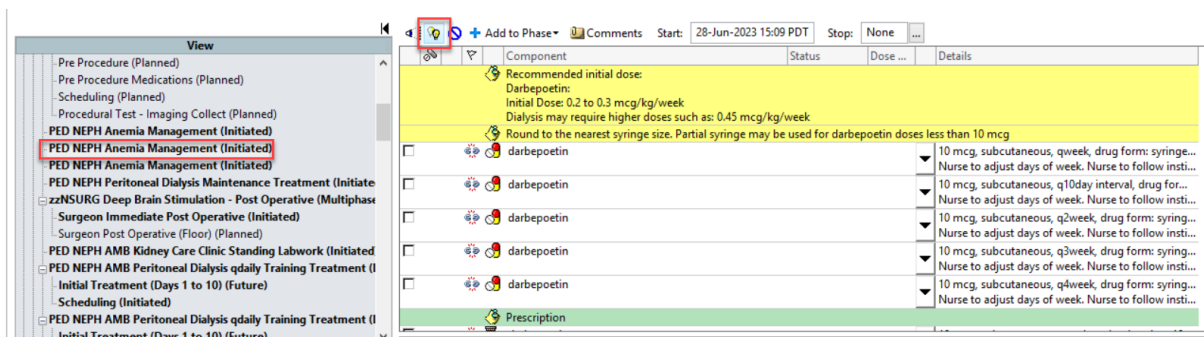
FOR VITAMIN D DEFICIENCY MEDICATION ADJUSTMENTS – ALL RENAL CLINICS: Place a new PED NEPH Vitamin D Deficiency Powerplan, with the updated dose selected, and follow the same steps as above depending on if you are a Nurse or Provider

FOR ANEMIA MANAGEMENT MEDICATION ADJUSTMENTS – CKCC and GNC

Clinics: Place a new **PED NEPH Anemia Management Powerplan**, with the updated dose selected, and follow the same steps as above depending on if you are a Nurse or Provider (these powerplans can be placed on discharged or pre-outpatient clinic encounters)

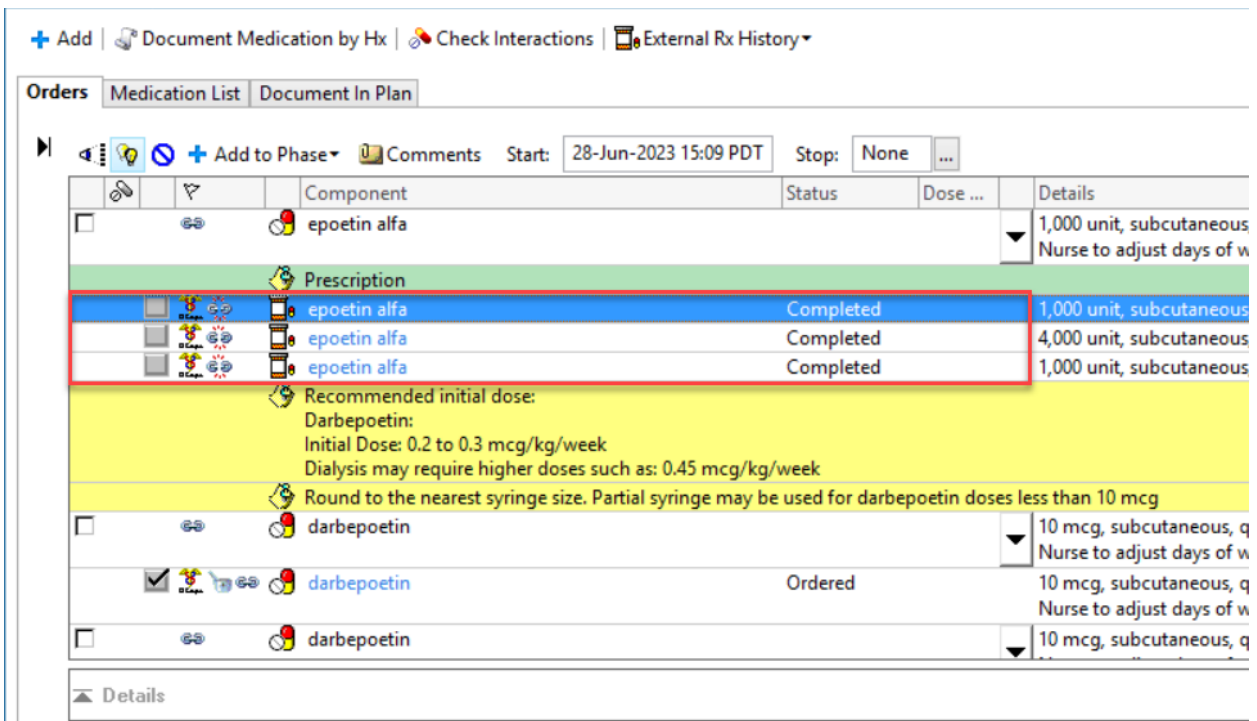
FOR ANEMIA MANAGEMENT MEDICATION ADJUSTMENTS – PD Clinic:

Scenario 1: Find the existing **PED NEPH Anemia Management Powerplan**. Select the lightbulb icon so the system will display additional orders that were not selected the first time the powerplan was placed.

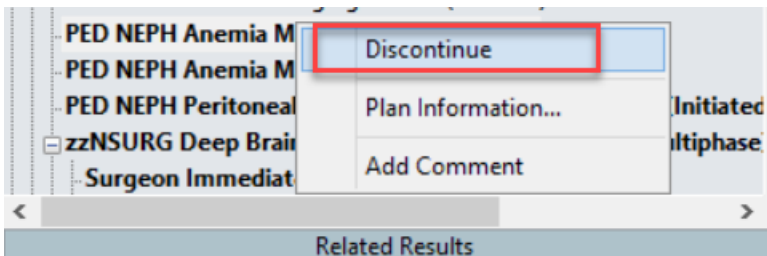


Select the new medication order, (Send for Co-signature if you are a Nurse) and sign the Powerplan.

Scenario 2: Find the existing **PED NEPH Anemia Management Powerplan**. Select the lightbulb icon so the system will display additional orders that were not selected the first time the powerplan was placed. **If you have used up all of the orders for a specific medication within the powerplan, you will not be able to use this powerplan anymore for this specific medication** since we cannot Add to Phase Prescriptions.



If this happens, and the patient is **NOT ON ANY OTHER MEDS WITHIN THE POWERPLAN** -you will need to **Discontinue** the currently existing Anemia Powerplan (Nurses to send discontinuation for co-signature) and order a brand new powerplan following the steps explained above



**If the patient IS STILL ON OTHER MEDICATIONS WITHIN THE POWERPLAN –
There are two options:**

- 1) You can enter an additional Anemia Powerplan to place the new prescription and the patient will now have two active Anemia Powerplans on their chart**

- 2) You can enter an adhoc prescription order for the medication (Nurses and Providers can Save commonly ordered medications in their Favourites folders) Nurses would send this prescription for co-signature.**