NEO - Infusions - Electrolyte Correction (Calcium, Potassium, Phosphate, Sodium)

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Quick Reference Guide

This Quick Reference Guide will explain how to:

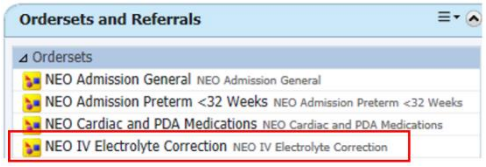
Use the NEO IV Electrolyte Correction orderset to order calcium, potassium, phosphate and sodium replacement

Definitions:

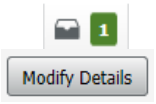
NEO Dosing Weight – the weight used to calculate weight-based medication dosages for neonatal team patients. This displays on the banner bar for all patients under 1 year of age

Neonatal IV Electrolyte Correction Orderset

1. Click on Medical Officer View from the Table of Contents and then select the Neonatology Quick Orders mPage
2. Select the NEO IV Electrolyte Correction orderset in the subfolders of the **Ordersets and Referrals** component



3. Click on the shopping cart icon at the top right corner
4. Click Modify Details to open the ordering window



5. Click to access the Neonatal Medication Reference if required
6. Select the required electrolyte infusion order with the appropriate diluent if required (sodium chloride 0.9%, glucose 5%, glucose 10%)
7. The Dosage Calculator will automatically launch in a separate window

Handy Hint – Dosage Calculator

The **EMR Dosage Calculator** will launch **twice** – once for the prescribed dose of the electrolyte (potassium or calcium or phosphate) and once for the volume of the diluent

Note: an exception to this is Sodium correction, which requires manual calculations for the volume and rate

8. The dose is calculated based on the Target dose and the dosing weight. The dosing weight will default the last documented **NEO Dosing Weight**

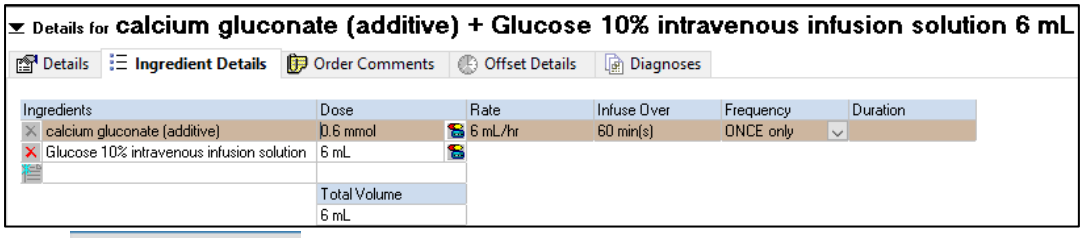
Important – Dosing Weight

The prescriber should **always** check that the dosing weight is correct before applying the dose. If the weight is modified in the Dosage Calculator it **will not update** elsewhere in the EMR.

Refer to the Documentation – Dosing Weight & Fluid Goals Newborn Services QRG for further information

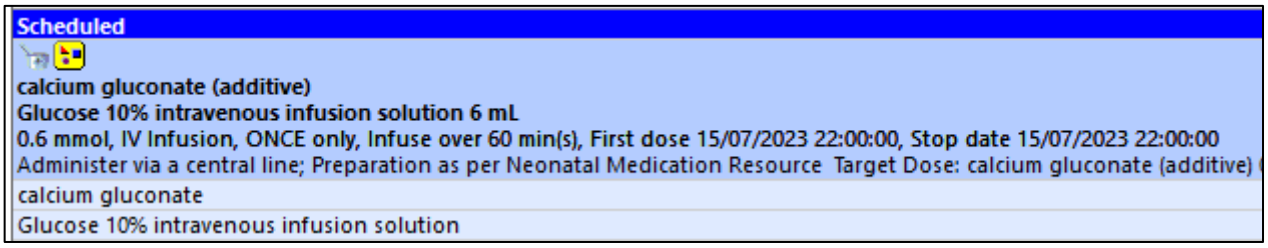
9. Click on **Apply Dose** to accept the calculated dose

10. Review the **Details, Ingredient Details** and **Order Comments** and modify if required



11. Click Orders For Signature to review all selected orders

12. Once the order is signed, it will display on the **MAR** under the **Scheduled** medications section



Note: not all NEO electrolyte corrections are currently prescribed on EMR.

Corrections given over **24 hours** are still ordered on paper charts – this is specified in the orderset.

Ordering Electrolytes <u>outside</u> the NEO Electrolyte Correction Orderset

Important – Use the Orderset where possible

The **preferred** workflow is to order via the orderset, which includes supporting information and pre-fills the IV sets with validated defaults.

Take care when ordering outside the orderset to select the correct order and fill the details correctly.

Electrolytes can also be found directly in the Search results on the **Orders and Referrals** page, for example: