

# NEO – Infusions - Electrolyte Correction (potassium, calcium)



Digital Health  
CONNECTING BEST CARE

Digital Health  
Quick Reference Guide

## This Quick Reference Guide will explain how to:

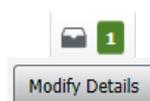
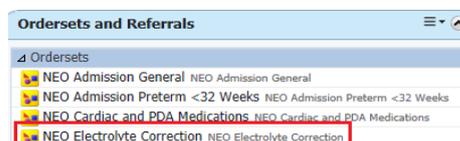
- Use the NEO Electrolyte Correction orderset to order potassium and calcium replacement
- Order electrolytes outside the orderset

## Definitions:

- **NEO Dosing Weight** – Is 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 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 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) and once for the volume of the diluent

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 Dosage Calculator will default the most recently documented neonatal dosing weight. The prescriber should **always** check that the dosing weight is correct before applying the dose. This can be viewed in the Banner Bar.

If the weight is modified in the Dosage Calculator it **will not update** elsewhere in the EMR. The NEO Dosing Weight must be updated via the Dosing Weight and Fluid Intake Goals NEO Powerform.



- Click on **Apply Dose** to accept the calculated dose
- Review the **Details, Ingredient Details** and **Order Comments** and modify if required

▼ Details for **calcium gluconate (additive) + Glucose 10% intravenous infusion solution 6 mL**

Details Ingredient Details Order Comments Offset Details Diagnoses

Ingredients	Dose	Rate	Infuse Over	Frequency	Duration
calcium gluconate (additive)	0.6 mmol	6 mL/hr	60 min(s)	ONCE only	
Glucose 10% intravenous infusion solution	6 mL				
Total Volume		6 mL			

- Click **Orders For Signature** to review all selected orders
- Once the order is signed, it will display on the **MAR** under the **Scheduled** medications section

**Scheduled**

calcium gluconate (additive)  
 Glucose 10% intravenous infusion solution 6 mL  
 0.6 mmol, IV Infusion, ONCE only, Infuse over 60 min(s), First dose 15/07/2023 22:00:00, Stop date 15/07/2023 22:00:00  
 Administer via a central line; Preparation as per Neonatal Medication Resource Target Dose: calcium gluconate (additive) + calcium gluconate  
 Glucose 10% intravenous infusion solution

### Ordering Electrolytes outside the NEO Electrolyte Correction Orderset

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

Search:  Advanced Options Type:

Up Home Favorites Folders Copy Folder:

- potassium chloride infusion NEO (0.6 mmol/kg in 10 mL/kg) in Glucose 5%
- potassium chloride infusion NEO (0.6 mmol/kg in 10 mL/kg) in Glucose 10%
- [potassium chloride infusion NEO \(0.6 mmol/kg in 10 mL/kg\) in Sodium Chloride 0.9%](#)
- potassium chloride infusion NEO HIGH CONC (0.6 mmol/kg in 4 mL/kg) in Glucose 5%
- potassium chloride infusion NEO HIGH CONC (0.6 mmol/kg in 4 mL/kg) in Glucose 10%
- potassium chloride infusion NEO HIGH CONC (0.6 mmol/kg in 4 mL/kg) in Sodium Chloride 0.9%

Search:  Advanced Options Type:

Up Home Favorites Folders Copy Folder:

- calcium gluconate infusion NEO (0.15 mmol/kg in 1.5 mL/kg) in Glucose 5%
- calcium gluconate infusion NEO (0.15 mmol/kg in 1.5 mL/kg) in Glucose 10%
- calcium gluconate infusion NEO (0.15 mmol/kg in 1.5 mL/kg) in Sodium Chloride 0.9%