

NEO – Infusions - Once Only (IV bolus)



This Quick Reference Guide will explain how to:

Place an order for ONCE only Neonatal Infusions (IV bolus)

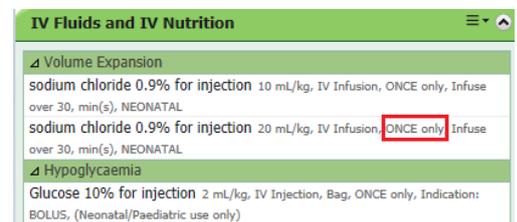
Definitions:

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

Navigate to the Quick Orders mPage

1. Click on **Medical Officer View** from the Table of Contents and then select the **Neonatology Quick Orders** mPage
2. ONCE only infusion orders can be found in the subfolders of the **IV Fluids and IV Nutrition** component of the mPage
3. Click on the appropriate order
4. The Dosage Calculator will automatically launch in a separate window



Dosage Calculator

sodium chloride 0.9% for injection

Dose Values

1) Target dose:	10	mL/kg
2) Calculated dose:	41	mL
3) Dose Adjustment:	41	mL
4) Final dose:	41	mL

5) Standard dose: mL mL/kg

6) Rounding rule: No rounding

7) Adjust Reason:

8) Route: IV Infusion

Reference Data

Date of birth:	18/02/2023	(4 Months)	Source:	Manually entered
Sex:	Female		Source:	21/06/2023 12:27 4.100 kg NEO Dosing Weight
Ethnicity:	No		Adjustment:	Actual (no adjustment)
Height:		cm	Algorithm:	
Actual weight:	4.1	kg		
Adjusted weight:	4.1	kg		
Serum creatinine:		umol/L	Source:	Manually entered
CrCl (est.):		mL/min/1.73m2	Algorithm:	Schwartz - full term
Body surface area:			Weight Used for CrCl:	
			Algorithm:	Dubois

Formulae... Standard Dose Reference

Apply Standard Dose **Apply Dose** 6 Cancel



- The dose is calculated based on the Target dose and the dosing weight. The dosing weight will default the last documented **NEO Dosing Weight**
- Click on **Apply Dose** to accept the calculated dose.



Important – Dosing Weight

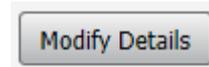
The Dosage Calculator will default the most recently documented neonatal dosing weight. The prescriber should **always** check that the dosing weight is correct before applying the dose. This can be viewed in the Banner Bar.

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.

- Select multiple orders if required and then click on the shopping cart icon at the top right corner.



- Click **Modify Details** to open the ordering window.



- Review the order details on the scratchpad before signing the order, including the **Infuse over** and **Infuse over unit** fields.

Orders for Signature

Order Name	Status	Start	Details
S NEWBORN SERV; 5.03; Bed 5.03	Fin#:JPE5423055	Admit: 16/10/2022 12:51	

Medications

sodium chloride (sodium chloride 0.9% for injection)	Order	14/07/2023 21:00	35 mL, IV Infusion, ONCE only, Infuse over 30, min(s), NEONATAL, First dose 14/07/2023 21:00 AEST, Stop date 14/07/2023 21:00 AEST, Target Dose: sodium chloride 0.9% for injection 10 mL/kg (Actual Dose: 10 mL/kg) 14/07/2023 20:50:17
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Details for sodium chloride (sodium chloride 0.9% for injection)

Details | Order Comments | Diagnoses

Remaining Administrations: 1 Stop: 14/07/2023 21:00:00 AEST

*Volume dose: 35
Freetext Dose:
Drug Form:
PRN: Yes No
Max dose per 24 hours:
Duration unit:
Infuse over unit: min(s)

*Volume dose unit: mL
*Route of administration: IV Infusion
*Frequency: ONCE only
PRN reason:
Duration:
Infuse over: 30
Indication:

0 Missing Required Details | Dx Table | Orders For Cosignature | **Sign** | Cancel

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

Medications	14/07/2023 21:00	14/07/2023 20:56
Scheduled sodium chloride (sodium chloride 0.9% for injection) 35 mL, IV Infusion, ONCE only, Infuse over 30, min(s), NEONATAL, First dose 14/07/2023 21:00:00, Stop date 14/07/2023 21:00:00 Target Dose: sodium chloride 0.9% for injection 10 mL/kg (Actual Dose: ... sodium chloride	35 mL Not given within 5 days.	



Handy Hint – MAR

Although these orders are Infusions, they are built as simple medications and will appear on the **Scheduled** section of the MAR