

EMR Quick Reference Guide

Infusions – Paediatric Fluid Management Chart

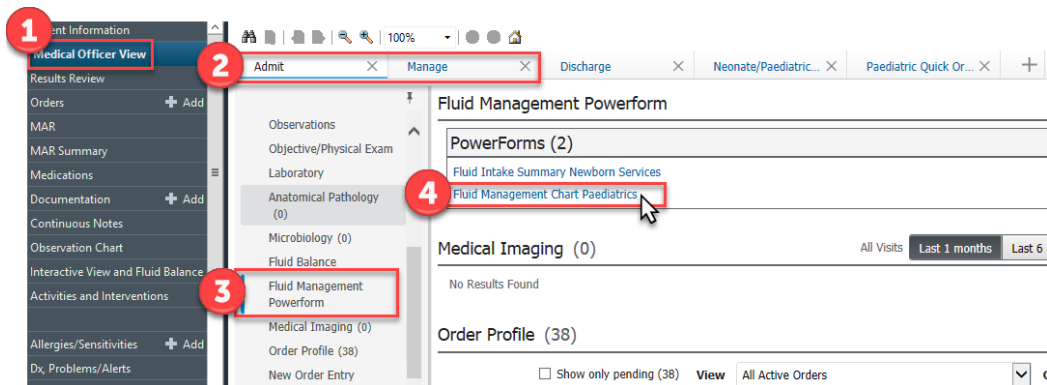
The **Paediatric Fluid Management Chart** is a Powerform to assist with calculating and documenting the Total Fluid Intake (TFI) plan for your patient. It serves as a guide and **will not** automatically link to fluid orders. All fluid orders should still be checked as the EMR **will not** alert you if you have exceeded the documented TFI.

This QRG will cover how to access the form and how to use it. Select the links to jump to each section.

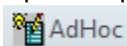
1. [Navigating to the Fluid Management Chart via Medical Officer View](#)
2. [Navigating to the Fluid Management Chart via Adhoc](#)
3. [How to use the Fluid Management Chart](#)
4. [Where to find the Fluid Management Chart once Completed](#)

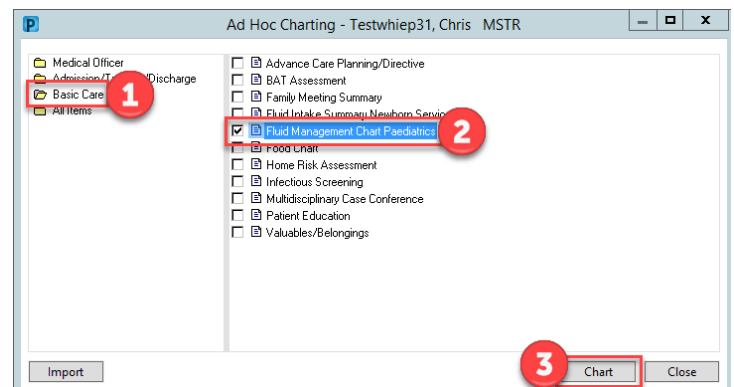
Navigating to the Fluid Management Chart via Medical Officer View

1. Open the patient's chart and select **Medical Officer View**
2. Select either **Admit** or **Manage**
3. Find the **Fluid Management Powerform** section
4. Open **Fluid Management Chart Paediatrics**



Navigating to the Fluid Management Chart via AdHoc

1. Open the patient's chart and click the  button in the banner bar at the top of the page
2. Open the **Basic Care** folder
3. Select the **Fluid Management Chart Paediatrics** and click **Chart**





How to use the Fluid Management Chart

1. Review the **Weight Measured**. This will appear automatically if a weight has already been documented on EMR. You can override / enter a weight manually here if required, but it will not save elsewhere in the EMR.
2. **Calculating Fluid Requirements – section B**
The system will use the 4:2:1 rule to calculate the Full Maintenance Rate and the 2/3 Maintenance Rate in mL/hour and mL/day based on the **Weight Measured**. It is the responsibility of the prescriber to review these calculations.
3. **Total Fluid Intake Plan**
 - a. Refer to the calculations in section B and choose a rate in **mL/day** to enter in the mandatory **Maintenance** field.
 - b. If appropriate, complete the Replacement field in mL/day as well.
 - c. Review the final TFI Plan as calculated by the system.

Maintenance	+	Replacement	=		or	
960 mL/day		200 mL/day		1,160 mL/day		48 mL/hr

4

1

2

3

4

Fluid Management Chart Paediatrics -

*Performed on: 06/01/2021 1402 AEDT

Fluid Management

Fluid Management Chart Paediatrics

1 **Weight Measured** 20 kg **Weight Estimated** kg

Birth Weight kg

Review of change in weight is the gold standard in paediatric fluid management.
Weight Measured and Birth Weight in this form are to provide support for TFI calculations only, and will not save elsewhere in the EMR.
Refer to Results Review to view weight trends.

Does the patient have complex fluid requirements? Yes No

Calculating Fluid Requirements

A. Fluid Resuscitation only if required

10-20mL/kg bolus of Sodium Chloride 0.9% then reassess

2 **B. Maintenance Hydration (Includes IV and Enteral Routes)**

Full Maintenance Rate 60 mL/hr or 1,440 mL/day

2/3 Maintenance 40 mL/hr or 960 mL/day Generally 2/3 maintenance should be used in unwell children unless they are dehydrated.

C. Replacement

When calculating replacement fluids, consider degree of dehydration (deficit) plus ongoing losses.

Plan

Total Fluid Intake (TFI) Plan

3 Maintenance 960 mL/day + Replacement 200 mL/day = 1,160 mL/day or 48 mL/hr

4 Select the green tick to submit the form



Where to find the Fluid Management Chart once Completed

The completed Powerform will be available for review in the following places:

1. Form Browser

All Forms

- Thursday, 1 October 2020 AEST
 - 11:59 AEST Fluid Management Chart Paediatrics (Auth (Verified)) - MO12, Medical Officer12 Dr.
- Monday, 29 June 2020 AEST
 - 09:52 AEST Fluid Management Chart Paediatrics (Modified) - MO12, Medical Officer12 Dr.
 - 09:47 AEST Growth Chart - Measurements (Auth (Verified)) - MO12, Medical Officer12 Dr.

2. Documentation

Arranged By: Date	Newest At T...
Fluid Management... 06/01/2021 14:02:...	
Fluid Management ... MO1, Medical Offic...	
Height and Weight... 20/08/2020 11:37:...	
Height, Weight, All... MO16, Medical Offi...	
Height and Weight... 20/08/2020 11:27:...	
Height, Weight, All... MO16, Medical Offi...	

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Verified By: MO1, Medical Officer1 Dr. on 06 Jan,
Visit info: IPE24977441, Footscray, Inpatient, 2:

Fluid Management Chart Paediatrics
Performed On: 06/01/2021 14

Fluid Management Chart Paediatrics
Maintenance Hydration
Full Maintenance Rate : 60 mL/hr
or : 1,440 mL/day
2/3 Maintenance Rate : 40 mL/hr
or : 960 mL/day

Plan
Total Fluid Intake (TFI) Plan
Maintenance : 960 mL/day
+ Replacement : 200 mL/day
= : 1,160 mL/day
or : 48 mL/hr

