

# Infusions – Paediatric Fluid Management Chart



## This Quick Reference Guide will explain how to:

Completing the **Paediatric Fluid Management Chart** PowerForm.

The **Paediatric Fluid Management Chart** is a PowerForm to assist with calculating and documenting the Total Fluid Intake (TFI) plan for your patient.

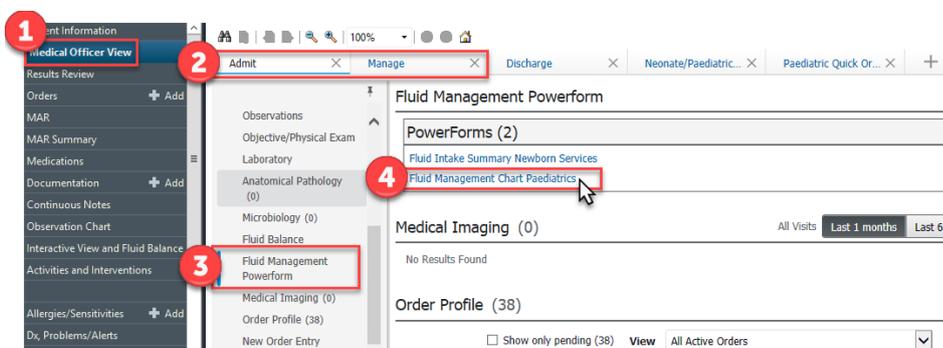
It serves as a guide and **will not** automatically link to fluid orders. All fluid orders should still be checked as the EMR **will not** alert you if you have exceeded the documented TFI.

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](#)

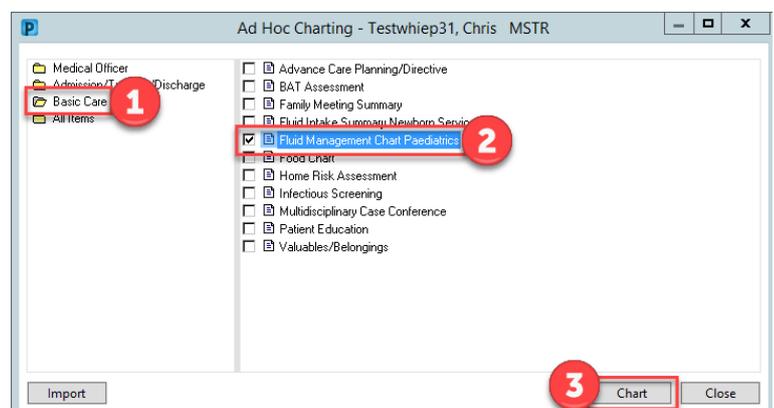
## Navigating to the Fluid Management Chart via Medical Officer View

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 **AdHoc** 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

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

Fluid Management Chart Paediatrics -

\*Performed on: 06/01/2021 1402 AEDT

**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 + Replacement 960 mL/day + 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...

Document Type:	Fluid Management Paeds - Text
Document Date:	06 Jan, 2021 14:02 AEDT
Document Status:	Auth (Verified)
Document Title/Subject:	Fluid Management Chart Paediatrics
Performed By/Author:	MO1, Medical Officer1 Dr. on 06 Jan,
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