

Paediatrics – Jaundice Chart and Phototherapy Documentation



This Quick Reference Guide will explain how to:

- Activate and review phototherapy chart with treatment ranges
- Document point of care testing e.g. bedside jaundice monitoring (TcB) or gas machine bilirubin

Definitions:

POCT – Point of Care Testing

TcB – Transcutaneous Bilirubin



Handy Hint – The phototherapy chart is located in Workflow MPage

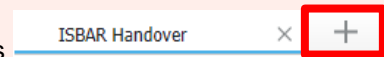
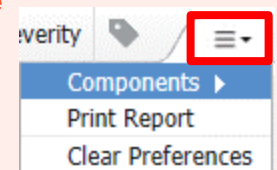
You can use the mPage hamburger menu to enable these components:

- Neonatal Overview
- Phototherapy Chart mPage.

Midwives have a PNW Neonate Workflow mPage. To add this:

From **Nurse View** click the plus icon to the right of your mPages

and then select  PNW Neonatal Workflow



Activating and Viewing the Phototherapy Chart

1. The EMR requires the patient gestation and date/time of birth to be documented to activate the phototherapy chart.

2. Navigate to AdHoc, select the Neonatal Forms folder “Newborn Details” PowerForm.

Midwives can access **Newborn Details** the directly from the link in the PNW Workflow mPage

3. Complete the relevant details and click the green tick to save.

4. The **Neonate Overview** displays the documented details.

Neonate Overview

Delivery Summary		Contact Info	
Birth Date/Time	18/02/2023 10:38	Birth Length	49 cm
Sex	Female	Birth Weight	3.3 kg
EGA by Ballard	--	Head Circumference	35 cm
Apgar 1 min	8	Fetal Complications - Labour	Nil
Apgar 5 min	9	Maternal Blood Group Transcribed	O Rh(D) Negative
Apgar 10 min	9	Maternal Antenatal Problems	Nil

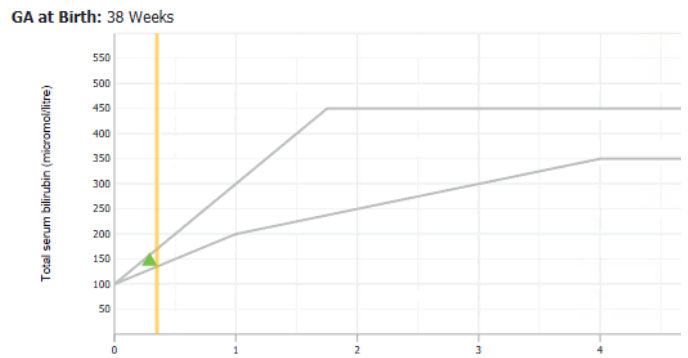


5. The phototherapy chart displays and charts bilirubin measurements and treatment thresholds.

Serum bilirubin results are shown with a blue circle.

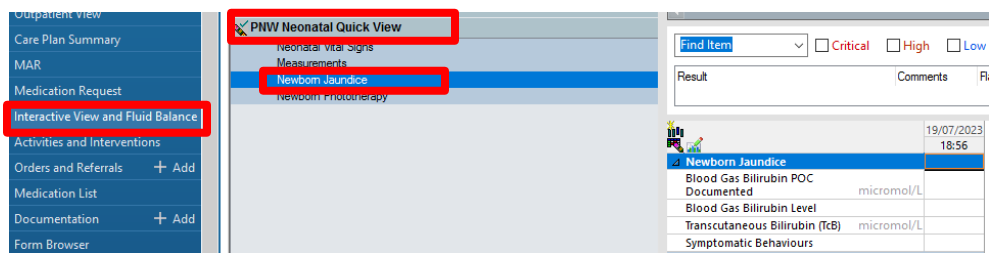
Transcutaneous bilirubin results show with a green triangle.

Phototherapy Chart



Documenting a Transcutaneous Bilirubin (TcB) or POCT Blood gas bilirubin

- Navigate to Interactive View and Fluid Balance, select the PNW Neonate Quick View band then select the Newborn Jaundice section

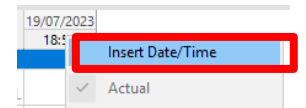


- To document a TcB or POCT Blood Gas Bilirubin, double click in the cell and type the value. Note that the EMR uses the date/time in the column for the date/time that the test was performed when plotting the result.

Find Item	Critical	High	Low
Result			
Comments			
19/07/2023 18:56			
Newborn Jaundice			
Blood Gas Bilirubin POC Documented			micromol/L
Blood Gas Bilirubin Level			
Transcutaneous Bilirubin (TcB)			micromol/L
Symptomatic Behaviours			

- If there has been a delay between performing the test and documenting the result you will need to change the date/time of the column.

To do this right click on the date/time and select “Insert Date/Time” and insert the date and time that the test was performed. This will ensure correct plotting of the TcB.



Handy Hint – Phototherapy order

If required, phototherapy is ordered using the EMR catalogue

- The QRG for Phototherapy order contains more information

Documenting delivered phototherapy treatment

- Navigate to Interactive View and Fluid Balance, select the Paediatric Quick View band then select the Newborn Phototherapy section
- Use this section to document
 - Phototherapy commencement and discontinuation, and Mode of treatment changes.
 - Eye care and incubator information each time the patient is reviewed

