

# Documentation – Newborn Jaundice Chart and Phototherapy



## 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

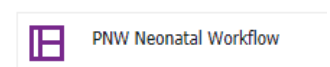
## Confirm you can view the neonatal phototherapy components

You will need to be able to view the **Neonatal Overview** and **Phototherapy Chart** MPage components, which can be found in the following MPages;

<b>Emergency</b>	Medical	ED Doctor View	ED Doctor Workflow	
<b>Paediatric</b>	Medical	Medical Officer View	Admit	Manage
	Nursing	Nurse View	Nurse Manage	
<b>Maternity</b>	Midwives	Nurse View	PNW Neonate Workflow	
<b>Neonatal</b>	Medical	Medical Officer View	NBS Admit/Manage	
	Nursing	Nurse View	NICU Workflow	

If your workflow MPage is not visible

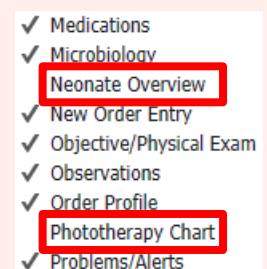
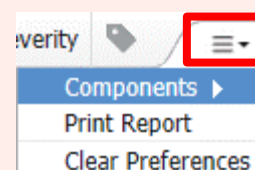
- click the plus icon at the right of your MPages, e.g.
- then add the required MPage e.g.



### Handy Hint – How to enable the MPage components

From your workflow MPage, use the hamburger menu to enable the following components:

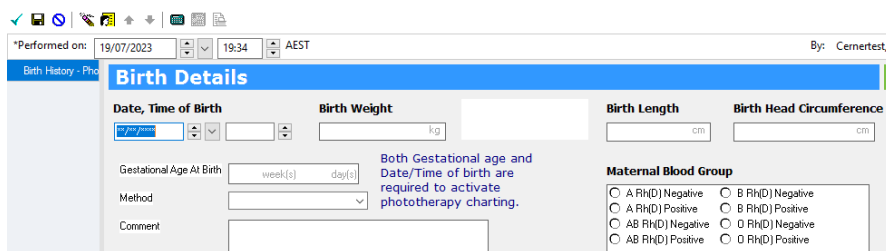
- Neonatal Overview
- Phototherapy Chart MPage.





## Activating the appropriate Phototherapy Chart for the patient

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



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

Nurses and Midwives can access **Newborn Details**

Using the link in the PNW Workflow MPage

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

### Neonate Overview

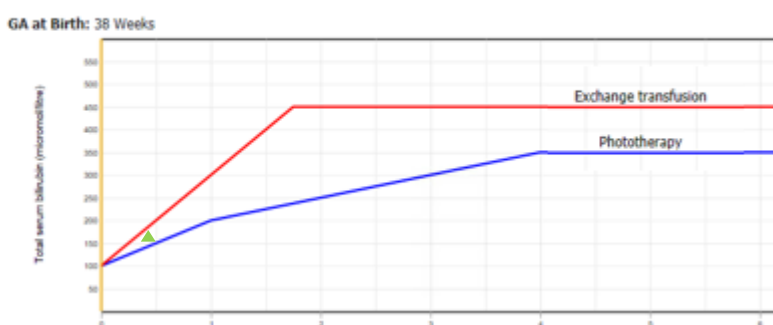
Delivery Summary		Contact Info	
Birth Date/Time	18/02/2023 10:38	Birth Length	49 cm
Sex	Female	Birth Weight	3.3 kg
EGA by Ballard	--	Head Circumference	35 cm
Apgar 1 min	8	Fetal Complications - Labour	Nil
Apgar 5 min	9		
Apgar 10 min	9		

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

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 neonatal jaundice assessments and phototherapy treatment

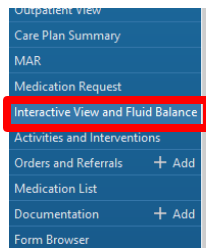
Use the Newborn Jaundice and Newborn Phototherapy sections in Interactive View and Fluid Balance Quick View bands

Paediatrics	Paediatric Quick View	Newborn Jaundice Newborn Phototherapy
Maternity	PNW Neonatal Quick View	
Neonatology	NICU Quick View	

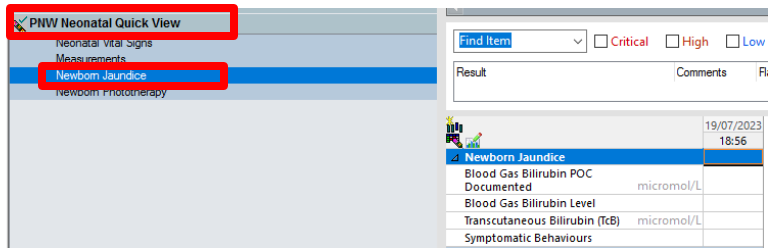


## Documenting a Transcutaneous Bilirubin (TcB) or POCT Blood gas bilirubin

1. Navigate to Interactive View and Fluid Balance.



2. Select the PNW Neonate Quick View band then select the Newborn Jaundice section

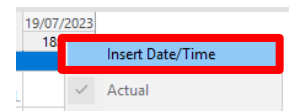


3. To document a TcB or POCT Blood Gas Bilirubin, double click in the cell and type the value. Note that the EMR uses the date/time in the column for the date/time that the test was performed when plotting the result.

		19/07/2023 18:56
<b>Newborn Jaundice</b>		
Blood Gas Bilirubin POC Documented	micromol/L	
Blood Gas Bilirubin Level		
Transcutaneous Bilirubin (TcB)	micromol/L	150
Symptomatic Behaviours		

4. 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

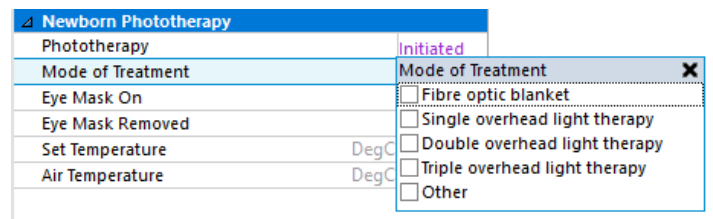
If required, phototherapy is ordered using the EMR catalogue

- The QRG for Phototherapy order contains more information

## Documenting delivered phototherapy treatment

1. Navigate to Interactive View and Fluid Balance, select the Paediatric Quick View band.

2. Select the Newborn Phototherapy section.



3. Use this section to document phototherapy treatment,

- Phototherapy commencement and discontinuation, and Mode of treatment changes.
- Eye care and incubator information each time the patient is reviewed