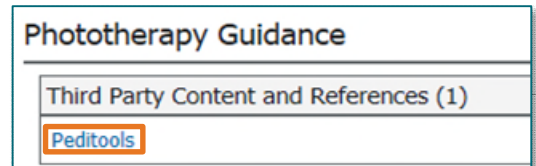


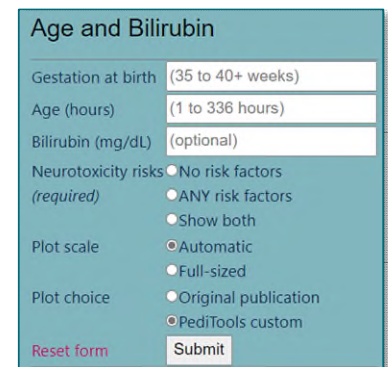
Current Hyperbilirubinemia guidelines within Cerner are not consistent with the most recent AAP Hyperbilirubinemia management guidelines released in late 2022. In the interim, PediTools will be used.

Phototherapy Guidance

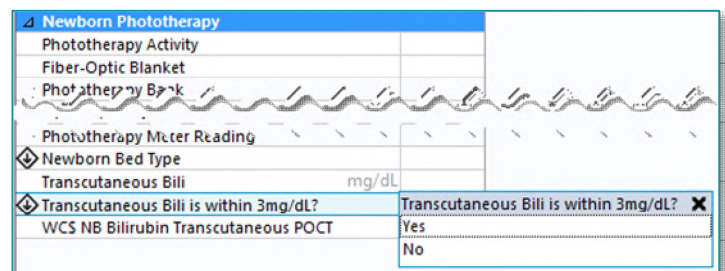
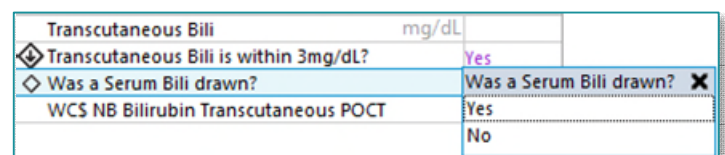
- STEP 1:** From the **Neonate Workflow MPage**, locate the **Phototherapy Guidance** component.
- STEP 2:** Select the [PediTools](#) hyperlink.
- STEP 3:** Complete the fields in the online tool – **PediTools**.
- Fill in the **Age and Bilirubin** information and then select **Submit**.
- STEP 4:** View the **Hyperbilirubinemia Management Guidelines**.



GA at birth	39 completed weeks	
Postnatal age	8 hours	
Bilirubin	2.4 mg/dL	
	Phototherapy threshold	Exchange threshold
No neurotoxicity risk factors	9.9 mg/dL	19.1 mg/dL
Phototherapy	7.5 mg/dL below phototherapy threshold	
Escalation of care	14.7 mg/dL below escalation threshold	
Exchange transfusion	16.7 mg/dL below exchange threshold	
Birth hospitalization discharge follow-up recommendations for infants who have NOT received phototherapy		
For bilirubin 2.4 mg/dL at 8 hours age (7.5 mg/dL below the phototherapy initiation threshold):		
<ul style="list-style-type: none"> Follow-up within 3 days TcB or TSB according to clinical judgment 		



- STEP 5:** Obtain **Transcutaneous Bili** on the patient and document within the **Newborn Phototherapy** section of the Newborn Lines – Devices - Procedures iView Band.
- Document if the value is within 3mg/dL.
 - Indicate if a serum bilirubin has been drawn or not.
 - Documentation of the serum bilirubin has been drawn allows the provider to know to look for results.

NOTE: Serum Bili should be drawn prior to notifying the provider.

NOTE: Please do not use the Hyperbilirubinemia graph in the chart, use the graph in PediTools.



Order Updates

➤ Orders within the **Newborn Nursery Protocol** will be updated to reflect the new screening tool, PediTools.

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transcutaneous Bilirubinometer (TCB)	ONCE, 1 Doses/Times, Perform transcutaneous bilirubin at 24 hours of age	2. TC...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	+44 hr Transcutaneous Bilirubinometer (TCB)	Nurse to order serum Bilirubin if: 1. TCB is greater than or equal to phototherapy threshold,	2. TC...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transcutaneous Bilirubinometer (TCB)	Transcutaneous Bilirubinometer (TCB)	2. TC...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transcutaneous Bilirubinometer (TCB)	Details: ONCE, 1 Doses/Times, Perform transcutaneous bilirubin at 24 hours of age	2. TC...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transcutaneous Bilirubinometer (TCB)	Order Comment: Nurse to order serum Bilirubin if:	ears cl...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transcutaneous Bilirubinometer (TCB)	1. TCB is greater than or equal to phototherapy threshold,	TCB is...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Notify If	2. TCB is within 3 mg/dL below phototherapy threshold,	DAT (C...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Meclozine/ Ondansetron Withdrawal	3. TCB is greater than or equal to 15 mg/dL. See 2022 AAP Bilirubin Nomogram as represented on PediTools.	2. TC...
				um bil...