The Johns Hopkins Hospital - Department of GYN/OB Nursing

Critical Congenital Heart Disease Screening (CCHD) Competency Assessment Tool

NAME: Unit: Zayed 8 (Newborn Nursery)							
Title: Registered Nurse .	Period Covered: From: Click here to enter a date. To: Click here to enter a date.						
Instructions : Validator records the date and verification	method used in the appropriate	box wher	n employe	ee has m	et the compet	ency.	
<u>VERIFICATION METHODS</u> : DO = Observation of Daily Work; RI) = Return Demonstration; D = Discu	ssion; MS =	= Mock Sce	enario; E	= Exemplar; T =	Test;	
O = Other (<i>Must Specify</i> : C = Case Study; P = Presentation; A =	= Audit/Clinical Documentation/QI N	Monitor; Pf	R = Peer Re	eview; S A	\ = Self-Assessm	ent)	
Required Competencies *Validator's Initials confirm ea	mployee has met basic level of co	ompetency	/*				
COMPETENCY		VERIFICATION METHOD			VALIDATOR	DATE	
1. Prepare for Critical Congenital Heart Disease (CCHD)	screening	□ DO	□ RD	□ D			
 Review NBN213 CCHD Screening policy: Date 							
 Watch Video: How To Do Pulse Oximetry Screening: 	Date						
https://www.youtube.com/watch?v=Lif7kSgHfkw [link available on Gyn/Ob Nursing site]		☐ Other	(specify)				
Review CCHD webinar slides: Date							
[link to webinar slides available on Gyn/Ob Nursi	ng Intranet]						
 Confirm the newborn is at least 24 hours of age 							

ensure the cable and wires are working properly.

Validator
Initials
Validator
Initials

□ RD

☐ Other (specify)

oximetry probe).

State which newborns are excluded from CCHD screening
Set up equipment and supplies for the CCHD screening procedure

Connect pulse oximetry probe to device cable.

• Gather supplies (e.g., pulse oximeter and disposable neonatal/infant pulse

Turn on pulse oximeter and confirm there is a red glow on the probe end to

COMPETENCY		VERIFIC	CATION N	1ETHOD	VALIDATOR	DATE
3. Accurately obtain preductal pulse oximetry reading		□ DO	□ RD	□ D		
 Verify the newborns identify using two patient identifiers 						
• Preductal waveform: Expose infant's right hand and apply the probe-place the						
light emitter portion (red glow) of the probe on the back of the ha	ınd and the					
photo detector (part not glowing) directly opposite the light emitt	er on the					
palm of the hand.			er (specify	1		
 With the infant quiet, monitor the SPO2 for a minimum of 30 second 	☐ Oth					
2-5 minutes. An accurate SPO2 reading is obtained when						
 Heart rate is displayed and correlates with infant's hea 						
and						
A reliable waveform is stable and without artifact or m						
 Record the SPO2 result under the CCHD screening section in the in 						
electronic health record.			_	1		
4. Accurately obtain postductal pulse oximetry reading		□ DO	☐ RD	□ D		
 <u>Postductal waveform</u>: Repeat procedure within 3 minutes of pre 						
either foot for the post-ductal O2 saturation. The same disposable probe may				,		
be used for the same infant. Place the light emitter portion of the probe on			er (specify)		
the sole foot and the photo detector directly opposite the light emitter on top						
of the foot.						
5. State pulse oximetry values for a negative screen (Passing) or positive screen		□ D				
(Abnormal) and PEDS notification parameters.						
RN completes three (3) competent CCHD screenings independently observed by a PNP:		Comme	ents:			
Date: Date: Date: _						
Validator Initials		l	Validato	r		Initials