

Competency Verification Record

UVA Health

Obtaining a Transcutaneous Bilirubin (TCB) Level Using the Philips Bilichek Machine

Employee Name: _____ Employee ID #: _____ Date: _____

Successful completion is documented on the Annual Competency Record (ACR) or Department Specific Competency Form using the following competency statement(s):

Competency Statement: The staff member (RN/PCT/CNA) demonstrates proper use of the Philips Bilichek Machine to obtain a transcutaneous bilirubin level and determines if a serum bilirubin level is indicated.

Evaluator(s): Alicia Shifflett, Brittany Dunn, Jordan Stang

Method of validation (circle one):

DO	Direct Observation – Return demonstration or evidence of daily work.
T	Test: Written or oral assessments, surveys or worksheets, passing grade on a CBL test.
S	Simulation
C	Case Study/ Scenarios: Create/share a story of a situation then ask questions that capture the nature of the competency that is being referenced.
D	Discussion: Identify questions related to a competency and ask orientee to provide an example of their real-life experiences.
R	Reflection: A debriefing of an actual event or a discussion of a hypothetical situation.
QI	Quality Improvement Monitoring: Audits or compliance checks on actual work or documentation to ensure the competency is completed.
N/A	If the specific product or process step is not used in the respective area or by the respective role, then this step is deemed N/A.

Note: This Competency Verification Record is **not** a required part of the permanent personnel record. This form is to be used as a guide for competency check off only; **the Annual Competency Record is used to document competency.** . (If competency validation occurs away from the unit, this form can be completed by the validator; the signed form can then be presented to the unit NEC or manager as evidence of competency. The Annual Competency Record is then signed indicating that the competency was validated).

Instructions: Use the standard workflow tip sheet provided to complete the following steps.

Demonstrated Skill Behaviors for Competency (Critical Behaviors in Bold)	Method of Validation	Evaluator's Initials
Identifies correct supplies needed	DO	
Verifies correct patient using 2 patient identifiers	DO	
Determines whether or not a transcutaneous reading is appropriate for the patient situation based on the <i>Philips BiliChek for Obtaining Transcutaneous Bilirubin Levels in the Neonate</i> document	D	
Turns on machine by pressing the ✓ button	DO	
Selects TCB reading	DO	
Applies <i>BiliCal</i> tip	DO	
Calibrates <i>BiliCheck</i> machine using <i>BiliCal</i> tip as directed by meter	DO	
Removes the opaque paper shield from <i>BiliCal</i> tip	DO	
Chooses appropriate spot to obtain reading (forehead vs chest)	DO	
Takes 5 readings while maintaining skin contact to obtain a bilirubin level	DO	

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Demonstrated Skill Behaviors for Competency (Critical Behaviors in Bold)	Method of Validation	Evaluator's Initials
Document transcutaneous bilirubin (TCB) result and hours of age in EPIC under Newborn Vital Sign flowsheet	DO	
Notify LIP of transcutaneous bilirubin (TCB) result and collects total serum bilirubin if ordered	DO	
Enters charge for transcutaneous bilirubin (TCB) in EPIC	DO	

Critical Elements:

References:

UVA Health Guideline: Management of Jaundice (with Guidelines for Phototherapy), Well Newborn (10/2017): http://www.healthsystem.virginia.edu/docs/manuals/guidelines/womens-place-policies-protocols-guidelines/inpatient-womens-services/neonatal-care-l-d-and-newborn-nursery/management-of-jaundice-with-guidelines-for-phototherapy-well-newborn/at_download/docattachment1

Philips BiliChek System Training Video (March 5, 2018): https://www.youtube.com/watch?v=fAdZ_146iNY

Philips Mother and Baby Care Jaundice Management Bilichek Document (2017): <https://www.hct.group/wp-content/uploads/2018/05/Billicheck.pdf>

Competency Verified by:

 Evaluator's Name (printed) Evaluator's signature Date: _____