

Pulse Oximetry Screening Protocol—CHARTING FORM
For Critical Congenital Heart Disease (CCHD)

**Newborns without Cardiovascular
or Respiratory Distress (Asymptomatic)**

Pulse ox on right hand (RH) and one foot (F).

**95% or higher in RH or F
and
3% or less difference
between RH and F
(for any screen)
Pass***

**90-94% in RH and F or
4% or more difference
between RH and F
Rescreen in 1 hr***

**89% or lower in RH or F
(for any screen)
Fail***

**Screen up to 3 times.
3rd screen at 90-94%
in RH and F or
4% or more difference
between RH and F**

Evaluation:
Assess for cardiac, respiratory, and/or infectious causes.

**Follow your policy
on physician
notification.*

- Baby is:**
- ✓ At least 35 weeks gestation
 - ✓ Awake and alert
 - ✓ Comfortable/quiet

- Timing is:**
- ✓ Before discharge
 - ✓ As close to 24 hours of age as possible

RIGHT HAND – Pre-Ductal Screen

Place the sensor on the back of the RIGHT HAND below the 4th or 5th finger. Wrap the tape around the hand. Align the emitter and the detector.



EITHER FOOT – Post-Ductal Screen

Place the sensor on the back of EITHER FOOT below the 4th or 5th toe. Wrap the tape around the foot. Align the emitter and the detector.



Infant's label goes here.

NBS Kit #: _____

1st screen results:

Date: _____ Time: _____
RH: _____ Foot: _____
*PI: _____ Pass Rescreen Fail

2nd screen results:

Date: _____ Time: _____
RH: _____ Foot: _____
*PI: _____ Pass Rescreen Fail

3rd screen results:

Date: _____ Time: _____
RH: _____ Foot: _____
*PI: _____ Pass Fail

***Perfusion index (PI), if available.**

Notes: _____

