CCHD Screening Algorithm

Child in well-baby nursery ≥ 24 hours of age or shortly before discharge if < 24 hours of age

Screen

- < 90% in right hand or foot
- 90%–<95% in right hand and foot or > 3% difference between right hand and foot
- ≥ 95% in right hand or foot and ≤3% difference between right hand and foot

Repeat screen in 1 hour

- < 90% in right hand or foot
- 90%–<95% in right hand and foot or > 3% difference between right hand and foot
- ≥ 95% in right hand or foot and ≤3% difference between right hand and foot

Repeat screen in 1 hour

- < 90% in right hand or foot
- 90%–<95% in right hand and foot or > 3% difference between right hand and foot
- ≥ 95% in right hand or foot and ≤3% difference between right hand and foot

Failed Screen

Passed Screen

*PLEASE NOTE: Percentages refer to oxygen saturation as measured by pulse oximeter

Adapted from the CDC’s algorithm found at: https://www.cdc.gov/ncbddd/heartdefects/hcp/html