



## CCHD Pulse Oximetry Screen Positive Initial Management

### CCHD Pulse Ox Screen Positive Result

- Urgent referral made to a physician at the time of the positive screen

- **Urgent assessment by a physician, suggested within 6-8 hours of screen positive result**
- Exam should include 4 limb BP, full vital signs, pre and post ductal saturations, and femoral pulses
- Consider ECG and chest X-Ray to rule out other non-cardiac causes of cyanosis

### Comprehensive evaluation by physician

### Consultation with Paediatric Cardiology

- If the most likely cause remains cardiac or is unclear, consultation with paediatric cardiology (with echocardiogram) to rule out CCHD is warranted
- After consultation, it may be reasonable to keep a newborn in hospital for further investigation and testing, rather than transport to reduce false positive results

#### REFERENCE

Wong KK, Fournier A, Fruitman DS, Graves L, Human DG, Narvey M, Russell JL, *CCS/CPCA Position Statement on Pulse Oximetry Screening in Newborns to Enhance Detection of Critical Congenital Heart Disease*, Canadian Journal of Cardiology (2016), doi: 10.1016/j.cjca.2016.10.006.