Critical Congenital Heart Disease (CCHD)
Pulse Oximetry (Pulse Ox) Screening Protocol

Place Pulse Ox on **Right Hand** (RH) and **One Foot** after 24 hours of age

- RH Pulse Ox Application Site
- Foot Pulse Ox Application Site

- **<90% in RH or Foot**
- **90% - <95% in RH and Foot** OR **>3% difference between RH and Foot**
- **≥95% in RH or Foot** AND **≤3% difference between RH and Foot**

**Repeat Screen in 1 hour**

- **<90% in RH or Foot**
- **90% - <95% in RH and Foot** OR **>3% difference between RH and Foot**
- **≥95% in RH or Foot** AND **≤3% difference between RH and Foot**

**Repeat Screen in 1 hour**

- **<90% in RH or Foot**
- **90% - <95% in RH and Foot** OR **>3% difference between RH and Foot**
- **≥95% in RH or Foot** AND **≤3% difference between RH and Foot**

**Positive Screen/Fail:**
1. Ensure clinical assessment is performed by a physician or nurse practitioner
2. Rule out infectious and pulmonary pathology
3. Complete echocardiogram
4. Refer to pediatric cardiology immediately

**Negative Screen/Pass:**
Routine Newborn Care