

# Skin Pigment/Pulse Oximeter in Congenital Heart Disease (CHD)

NCT06575270

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**Status** RECRUITING  
**Sponsor** Icahn School of Medicine at Mount Sinai  
**Enrollment** 92 participants

## Key Eligibility Criteria

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### Inclusion (1)

- Pediatric patients (age less than 18 years old) with a diagnosis of CHD (cyanotic or acyanotic) who are presenting for cardiac surgery under general anesthesia with planned arterial access.

### Exclusion (5)

- Age greater than 18 years old
- Emergency surgery
- Significant preoperative anemia (hemoglobin  $<8.0$  g/dL)
- Preoperative hemodynamic instability (i.e.,  $>1$  vasoactive infusions or mechanical circulatory support)
- The presence of any colored nail polish on the planned site of pulse oximeter placement, planned use of any intravenous dyes intraoperatively, and patient, parent, or guardian refusal.

## Locations (1 total)

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Mount Sinai Hospital, New York, New York, United States