

Pediatric Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients (P-ICECAP)

NCT05376267

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Michigan
Enrollment	900 participants

Key Eligibility Criteria

Inclusion (7)

- Age 2 days to < 18 years with corrected gestational age of at least 38 weeks
- Chest compressions for at least 2 minutes
- Coma or encephalopathy after resuscitation from Out-of-Hospital Cardiac Arrest (OHCA)
- Requires continuous mechanical ventilation through endotracheal tube or tracheostomy
- Definitive temperature control device initiated

... and 2 more (see full listing online)

Exclusion (19)

- Glasgow Coma Motor Score (GCMS) = 6
- LAR does not speak English or Spanish
- Duration of Cardiopulmonary Resuscitation (CPR) > 60 minutes
- Severe hemodynamic instability with continuous infusion of epinephrine or norepinephrine of 2 micrograms per kilogram per minute ($\mu\text{g}/\text{kg}/\text{minute}$) or initiation of Extracorporeal membrane oxygenation (ECMO)
- Pre-existing severe neurodevelopmental deficits with Pediatric Cerebral Performance Category (PCPC) =5 or progressive degenerative encephalopathy

... and 14 more (see full listing online)

Locations (57 total)

University of Alabama at Birmingham / Children's of Alabama, Birmingham, Alabama, United States
Phoenix Children's Hospital, Phoenix, Arizona, United States
Banner University Medical Center - Tucson, Tucson, Arizona, United States
... and 54 more locations

<https://clinicaltrials.gov/study/NCT05376267>

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