

On-Request Simulation Program



Pediatric Simulator



CHART Institute offers a pediatric simulator to member hospitals at no additional cost as a benefit of membership. The simulator allows providers to practice pediatric skills and procedures within an environment designed for teamwork and communication with the goal of sharpening real-world clinical and decision-making skills.

Laerdal SimJunior®

Simulator features:

- Anatomically correct, realistic airway with landmarks
- Spontaneous breathing with observable chest rise
- Multiple heart sounds synchronized with ECG rhythm monitoring
- Variable pulse strengths with BP
- LMA or ET insertion
- Upper airway sounds synchronized with breathing
- Bag Valve Mask capable
- Oxygen saturation and waveform
- Breathing complications
- Defibrillation and cardioversion
- IV access (right arm and hand)
- Intraosseous access (right tibia)
- Bilateral carotid and unilateral brachial and radial (left side) pulses synchronized with ECG

Scenarios available:

- Traumatic brain injury secondary to skull fracture
- Status epilepticus
- Pneumonia leading to respiratory distress in a child with known asthma
- Mild Intermittent Asthma
- Mild Concussion
- Mild Allergic Reaction
- Generalized Tonic – Clonic Seizures
- Anaphylaxis
- Acute Pain Crisis
- Acute Splenic Sequestration
- Gastroenteritis
- Dehydration

According to Laerdal, the simulator is latex-free.

Request a Simulator:

Review calendar links for availability: [Laerdal SimJunior®](#)

Submit a simulation request to chartinstitute@chartrrg.com with desired dates.