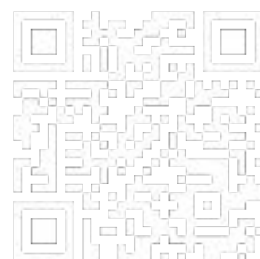




ARTHUR

A New Standard in Pediatric Simulation

Where realism meets readiness





When Every Heartbeat Counts, Meet **Arthur**

Arthur plunges teams into the urgency of real pediatric emergencies—from the first rapid assessment to the most critical intervention. With lifelike anatomy, natural articulation, and palpable bones, Arthur offers an unmatched sense of lifelike presence.

Realism Seen—and Felt

From the rise and fall of spontaneous breaths to the subtle thump of a pulse, every cue is captured with striking fidelity. Authentic physiology and dynamic reactions create scenarios that don't just replicate emergencies—they bring them vividly to life.

Where Simulation Feels Real

- Feels like treating a real child** — Seamless skin, palpable bones, natural joint movement, and lifelike tactile feedback make every scenario intensely real.
- From calm to crisis in seconds** — One moment stable, the next in full arrest—train for the unpredictable reality of pediatric emergencies.
- Fully alive in simulation** — Breath sounds, heartbeats, and vocalizations immerse learners in the urgency of care.
- Authentic reactions to complications** — Pupils dilate, pulses fade, skin turns cyanotic, and seizures strike as life-threatening conditions—like laryngospasm or pharyngeal swelling—demand rapid, decisive action.
- Hospital-grade integration** — Works seamlessly with real ventilators, ECGs, and defibrillators so training never feels like a rehearsal.
- Every second captured** — Tracks compressions, drug delivery, and airway maneuvers in real time, generating precise debrief reports.
- Tetherless freedom** — Train anywhere—hospital, ambulance, or disaster site—with up to eight hours of wireless operation.

KEY FEATURES

Full-Spectrum Life Support

Train for the unpredictable reality of pediatric emergencies, from CPR and airway management to defibrillation with real devices and mechanical ventilation—every response mirrors real physiology and the urgency of care.

Precision in Every Dose

Deliver medications with confidence: IV and IO access with automatic drug and dose recognition, RFID-enabled syringes, and instant physiologic feedback powered by a vast virtual pharmacopeia.

Experience a Full Range of Pathologies

From anaphylaxis to pneumothorax, immerse learners in scenarios that evolve with realistic signs such as laryngospasm, cyanosis, and convulsions. Fine-tune lung compliance, cardiac rhythms, and auscultation findings across the heart, lungs, and bowel to generate an endless variety of authentic clinical cases.



Advanced Interventions

Go beyond basic skills with cricothyrotomy, tracheostomy, tibial IO, and needle decompression—all with realistic tactile response and logging that captures every move for precise evaluation.

The Voice of the Child

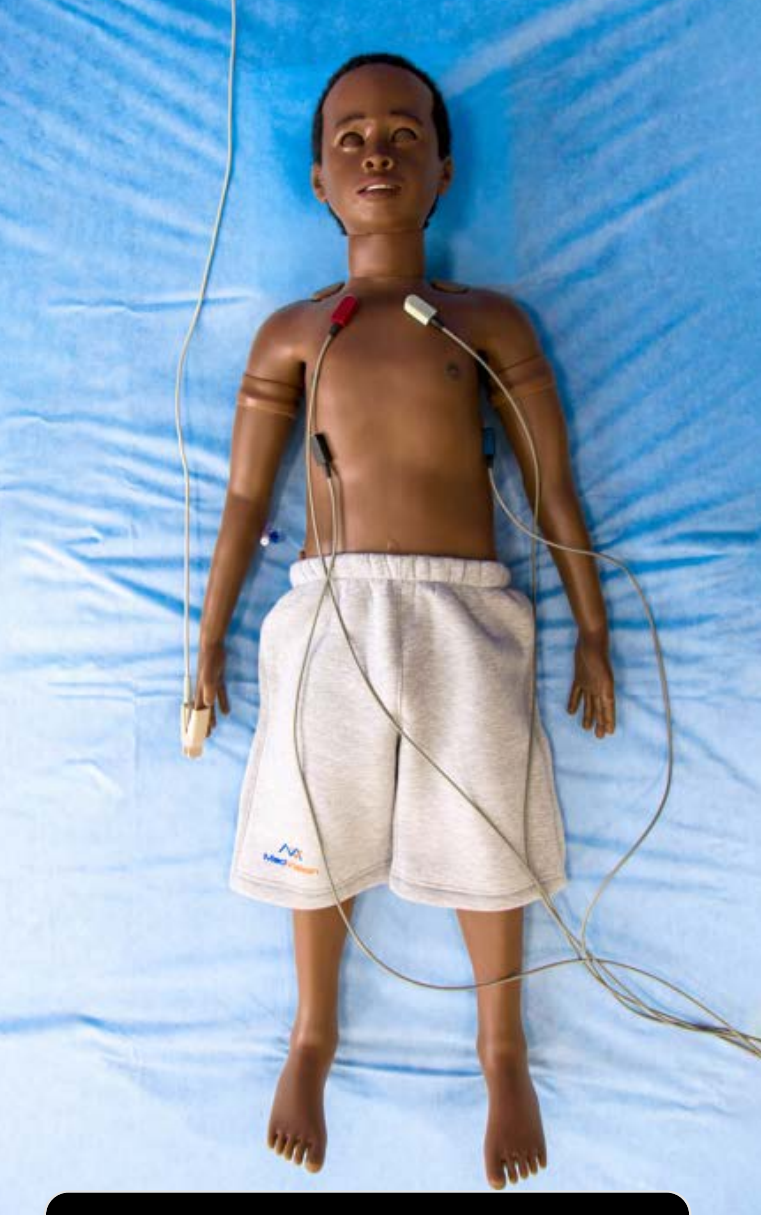
Connect with the human side of care as Arthur cries, coughs, speaks, and breathes—immersing learners in both emotional complexity and clinical urgency.

Smart Monitoring & Debriefing

Train with bedside software that displays ECG, BP, SpO₂, EtCO₂, CVP, PAP, and more. Every action—compressions, drug delivery, airway maneuvers—is captured, analyzed, and transformed into powerful debriefs that drive measurable progress.

KEY FEATURES





Beyond Simulation—Toward Mastery

Arthur isn't just a simulator—he's the bridge between knowledge and action. He empowers teams to practice, adapt, and build confidence in a safe environment, so when the stakes are highest, they deliver better care and better outcomes for real children.

Contact Us

Medvision USA: 14300
Carlson Circle, Tampa, FL
33626-3003
+1 (727) 510-8032
sales@medvisiongroup.com
www.medvisionsim.com
Instagram: @medvisionsim

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