PEDIATRIC HAL	
Company	Gaumard
Software Platform	UNI
Link to Simulator	[Pediatric 5yo HAL](#)

Features

Neurological

- ➢ Eyelid Blink
- ➢ Reactive Pupils
- ➢ Dilated/Blown Pupils
- ➢ Unequal Pupils
- ➢ Ability to electronically change pupil size
- ➢ Facial expressions
- ➢ Programmable emotional states
- ➢ Convulsions

Airway

- ➢ Articulating mandible
- ➢ Bag-valve-mask
- ➢ Mechanical ventilation
- ➢ Orotracheal intubation
- ➢ Nasotracheal intubation
- ➢ Tongue swelling
- ➢ Laryngospasm
- ➢ Cricothyrotomy
- ➢ Capnography
- ➢ Feedback on Ventilation

Breathing

- ➢ Chest Rise
- ➢ Spontaneous breathing
- ➢ Carbon Dioxide exhalation
- ➢ Needle decompression
- ➢ Lung compliance
- ➢ Chest tube insertion

Cardiac

- ➢ Cardiac Rate adjustment
- ➢ Rhythm adjustment
- ➢ Defibrillation
- ➢ Cardioversion
- ➢ Pacing
- ➢ CPR feedback on the Instructor PC

Circulation

- ➢ Blood Pressure auscultation
- ➢ Cyanosis
- ➢ Jaundice
- ➢ Palpable pulse points
- ➢ Carotid: Bilateral
- ➢ Brachial: Bilateral
- ➢ Radial: Bilateral
- ➢ Femoral: Bilateral
- ➢ Capillary Refill

Sounds

- ➢ Heart Sounds
- ➢ Ability to target valvular heart sounds
- ➢ Lung sounds
- ➢ Ability to target specific lung sound quadrants
- ➢ Bowel Sounds
- ➢ Ability to target specific bowel sound quadrants

Miscellaneous

- ➢ Vascular Access
- ➢ Interchangeable genitalia

- ➢ Intraosseous access
- ➢ Intravenous access
- ➢ Finger-Stick capability
- ➢ Ethnic Skin Tones