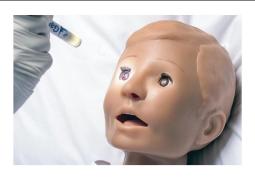
PEDIATRIC HAL	
Company	Gaumard
Software Platform	UNI
Link to Simulator	Pediatric 5yo HAL





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