

- 6 posterior auscultation sites
- ♣ Oxygen saturation and waveform

3. Airway Complications

- ♣ Detection of proper head position
- ♣ Can't intubate/ventilate
- ♣ Tongue edema
- ♣ Pharyngeal swelling
- ♣ Laryngospasm

4. Circulation Features

- ♣ BP measures manually by auscultation of Korotkoff sounds
- ♣ Carotid, femoral, radial, dorsalis pedis, posterior tibialis pulses synchronized with ECG
- ♣ Pulse strength variable with BP
- ♣ Pulse palpitation is detected and logged

5. Vascular Access

- ♣ IV arm (ability to establish an IV)
- ♣ Intraosseous access (tibia)
- ♣ Automatic drug recognition system

6. Circulatory Skills and IV Drug Administration

- ♣ Articulating IV training arm with replaceable skin and infusible vein system allows peripheral intravenous therapy and site care
- ♣ Venipuncture possible in the antecubital fossa and dorsum of the hand
- ♣ Accessible veins including media, basilica, and cephalic

7. CPR

- Compliant with 2015 Guidelines
- CPR compressions generate palpable pulses, blood pressure wave form, and ECG artifacts
- Realistic compression depth and resistance
- Detection of depth, release and frequency of compressions
- Hand position sensor

8. Eyes

- ♣ Blinking eyes (slow, normal, fast, and

and pace

- ♣ Simulation controls
 - Fast forward, pause, rewind, save/restore
- ♣ Integrated video debriefing
- ♣ Data logging
- ♣ Instructor comments

Patient Monitor

- ♣ Wireless
- ♣ Highly configurable
- ♣ Includes
 - ECG
 - SpO2
 - CO2
 - ABP
 - CVP
 - ICP
 - Anesthetic Agent
 - PH
 - PTC
 - PAP
 - PCWP
 - NIBP
 - TOF
 - Cardiac output
 - Temperature (core and peripheral)
 - Additional and programmable parameters
- ♣ 12 Lead ECG Display
- ♣ Custom Image Display
- ♣ Custom Video Display

5. **Warranty & support**

6. **Estimated Delivery Date**

Pediatric Patient Simulator

Please note deviations and/or exceptions from

1. Airway features

- ♣ Airway is anatomically modeled as far as the trachea.

♣ Realistic airway with landmarks

♣ Oral and nasal intubation

♣ LMA or ET insertion

♣ Tongue edema

♣ NG tube insertion

♣ Cricoid cartilage

♣ Head tilt & jaw thrust

2. Breathing Features

♣ Spontaneous breathing with chest rise

♣ Variable respiratory rates

♣ Multiple upper airway sounds

♣ Bag Valve Mask capable

♣ Oxygen saturation and waveform

♣ Breathing complications

♣ Lungs can be closed or open to allow ventilations

3. Cardiac Features

♣ Defibrillation and cardioversion

♣ Pacing

♣ Extensive ECG library

♣ Multiple heart sounds synchronized with ECG

♣ ECG rhythm monitoring

♣ 12 lead ECG display

4. Circulation Features

♣ Blood pressure measured manually by

auscultation of Korotkoff sounds

♣ Bilateral carotid and unilateral brachial and radial pulses synchronized with ECG

♣ Pulse strength variable with BP

♣ Pulse palpation detected and logged

♣ CPR compressions generate palpable pulses,

blood pressure waveform, and ECG artifacts

5. Vascular Access

♣ IV access (right arm and hand)

♣ Intraosseous access (right tibia)

6. Additional Features

♣ Interchangeable pupils - normal, dilated, and constricted

♣ Sounds: Heart, lung, bowel, and patient voice (pre-recorded sounds and wireless microphone)

7. Control multiple manikins from one interface

♣ Manual Mode to run “on-the-fly” for total control over all parameters

♣ Automatic Mode with pre-programmed scenarios

♣ Simulation controls; fast forward, pause, rewind, save/restore

♣ Integrated video debriefing

♣ Time stamped activities, vital signs, and instructor comments are captured in the event log

5. **Warranty & support**

6. **Estimated Delivery Date**
