

Laerdal SimMan 3G and SimMan 3G Essential (Bleeding Patient Simulators)

We have three of each type of SimMan. Aside from moving on their own, they each are capable of simulating any clinical presentation you would like to discuss with your learners. They are wireless, so the instructor can be in a separate room from the learning environment, adding to the realism of the case. Below is a list of features of each type of Patient Simulator. Based on the goals and objectives of your cases, we can help you select the simulated patient best suited for your learners.

Airway features	3G	3G Essential
Airway occlusion (head tilt/chin lift, jaw thrust)	✓	✓
Foreign object obstruction	✓	✓
Instructor controlled mechanical airway closure	✓	✓
Chest tube insertion, Bilateral	✓	✓
Intubation, Oral, Nasal & Digital	✓	✓
Oral/nasal airway insertion	✓	✓
Endotracheal tubes - insertion, securing and care	✓	✓
Oropharyngeal and nasopharyngeal airways	✓	✓
Supraglottic airways (LMA, LTA and Combitube)	✓	✓
Right mainstem intubation	✓	✓
Retrograde intubation	✓	✓
Trans-tracheal jet ventilation	✓	✓
Oral and nasal fiberoptic intubation	✓	✓
Cricothyrotomy, Needle & Surgical	✓	✓
Sellick maneuver	✓	✓
Stomach auscultation to verify proper positioning	✓	✓
Oxygen delivery procedures	✓	✓
Suctioning techniques	✓	✓
Tracheostomy care and suctioning	✓	✓
Auscultation of lung sounds	✓	✓
Auscultation of lung sounds during ventilation	✓	✓
Lung sounds, synchronized with breathing rate	✓	✓
Individual lung or bilateral sound selection	✓	✓
Needle chest decompression, Bilateral, midclavicular	✓	✓
Pharyngeal obstruction	✓	✓
Laryngospasm	✓	✓
Decreased Lung compliance	✓	NO
Airway increased right and/or left lung resistance	✓	✓
Stomach decompression	✓	✓

Laryngeal mask airway	✓	✓
Ventilation Sensor	✓	✓
Co2 exhalation	✓	✓
Airway complications (instructor controlled)	✓	✓
Realistic chest rise and fall	✓	✓
Inflatable tongue edema	✓	✓
Automatic drug recognition	✓	NO
CPR	3G	3G Essential
Anatomical landmarks	✓	✓
Head tilt/chin lift sensors	✓	✓
Ventilation with bag-valve-mask	✓	✓
Ventilation measurement and feedback	✓	✓
Closed chest compressions	✓	✓
Abdominal thrust	✓	✓
Compression measurement and feedback	✓	✓
Detailed CPR evaluation	✓	✓
Blood pressure / pulses	3G	3G Essential
Adjustable pulse strength	✓	✓
Adjustable heart rate	✓	✓
Automatic carotid pulse (electronic pulses)	✓	✓
Synchronized (w/ECG)	✓	✓
Carotid pulse during compressions	✓	✓
Carotid pulse check sensors	✓	✓
Brachial pulses	✓	✓
Pulses active when palpated	✓	✓
Pulse strengths dependent on blood pressure	✓	✓
Adjustable bp levels (systolic/diastolic)	✓	✓
Blood pressure auscultation	✓	✓
Eye features	3G	3G Essential
Interchangeable pupils	NO	✓
Light sensitive pupils	✓	NO
Blinking eyelids	✓	✓
Gender, age, size	3G	3G Essential
Male	✓	✓
Female	✓	✓

Vocal sounds	3G	3G Essential
Pre-recorded vocal sounds	✓	✓
Live vocal sounds (wireless or wired mic)	✓	✓
ECG monitoring	✓	✓
Defibrillation (manual/automatic)	✓	✓
Auto conversion of ECG w/defibrillation	✓	✓
Defibrillation sensors	✓	✓
Auscultation of heart sounds	✓	✓
Heart sounds, synchronized with programmable ECG	✓	✓
Cyanosis	✓	NO
Spasm / Seizure	✓	NO
Pacing	✓	✓
Gastrointestinal	3G	3G Essential
NG Tubes - insertion, care and removal	✓	✓
Nasoenteric and esophageal tubes - insertion & removal	✓	✓
Auscultation of bowel sounds - normal / abnormal	✓	✓
Wounds / Trauma	3G	3G Essential
Replication of NBC Effects	✓	NO
Optional trauma module set	✓	✓
Simulated blood, included	✓	✓
Wound care and assessment module set	✓	NO
Other	3G	3G Essential
Realistic patient handling - full range of motion	✓	✓
Denture care	✓	✓
Secretions: Sweat, tears, CSF, froth	✓	NO