

SimMan®

SimMan® 3G

SimMan® 3G Trauma

General

Latex free	-	✓	-
Available in ethnic skin tones	✓ 11)*	✓	-

Ultrasound

Torso skin with LS tags	✓ 12)*	✓ 12)*	✓ 12)*
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SimStore Courseware

Courseware available at SimStore.com	✓	✓	✓
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Educational Services (optional)

Introduction course	✓	✓	✓
Update course	✓	✓	✓
Scenario programming course	✓	✓	✓
E-learning course	-		-
Customized introduction	✓	✓	✓
Custom scenario programming	✓	✓	✓

Technical Services (optional)

Installation	✓	✓	✓
Extended warranty	✓	✓	✓
Preventive maintenance	✓	✓	✓
ValuePlus Package	✓	✓	✓
Loaner Program (Americas Only)	✓	✓	✓

Airway features

Airway occlusion (head tilt/chin lift, jaw thrust)	✓	✓	✓
Foreign object obstruction	✓	✓	✓
Obstructed airway simulation	-	✓	✓
Instructor controlled mechanical airway closure	✓	✓	✓
Chest tube insertion - left midaxillary	✓	✓ 1)*	✓
Intubation	✓ 2)*	✓ 3)*	✓
Oral/nasal airway insertion	✓	✓	✓
Endotracheal tubes - insertion, securing and care	✓	✓	✓
Oropharyngeal and nasopharyngeal airways - insertion and suctioning	✓	✓	✓
Supraglottic airways (LMA, LTA and Combitube)	✓	✓	✓
Right mainstem intubation	✓	✓	✓
Retrograde intubation	✓	✓	✓
Trans-tracheal jet ventilation	✓	✓	✓
Oral and nasal fiberoptic intubation	✓	✓	✓
Cricothyrotomy	✓ 4)*	✓ 5)*	✓

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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	✓ ^{6)*}	✓ ^{7)*}	✓
Pharyngeal obstruction	✓	✓	✓
Laryngospasm	✓	✓	✓
Decreased Lung compliance	✓	✓	✓
Airway increased right and/or left lung resistance	-	✓	✓
Stomach decompression	✓	✓	✓
Laryngeal mask airway	✓	✓	✓
Ventilation Sensor	-	✓	✓
Co2 exhalation	✓	✓	✓
Positive pressure ventilation	-	✓	✓
Airway complications (instructor controlled)	✓	✓	✓
Realistic chest rise and fall	✓	✓	✓
Vomiting	-	✓	✓
Esophageal intubation	-	✓	✓
Inflatable tongue edema	-	✓	✓
Circulation			
Instructor controlled ECG rhythm	✓	✓	✓
ECG monitoring	✓	✓	✓
Defibrillation (manual/automatic)	✓	✓	✓
Auto conversion of ECG w/defibrillation	✓	✓	✓
Defibrillation sensors	✓	✓	✓
Auscultation of heart sounds	✓	✓	✓
Heart sounds, synchronized with programmable ECG	✓	✓	✓
Cyanose	-	✓	✓
Convulsions / Seizure	-	✓	-
Pacing	✓	✓	✓
Blood pressure / pulses			

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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 only active when palpated	✓	✓	✓
Pulse strengths dependent on blood pressure	✓	✓	✓
Adjustable bp levels (systolic/diastolic)	✓	✓	✓
Blood pressure auscultation	✓	✓	✓
Korotkoff Sounds, synchronized with ECG	✓	✓	✓
Auscultative gap, with on/off feature	✓	✓	✓
Blood pressure / pulses	✓	✓	✓
Pulse oxymeter	✓	✓	✓
Bilateral femoral, left radial and brachial pulses	✓	✓	✓
Catheterization			
Complete urinary catheterization	✓	✓	✓
Debriefing			
SimView	✓ 8)*	✓ 8)*	✓ 8)*
Video debriefing	✓	✓	✓
Debriefing through recorded events	✓	✓	✓
SimView Mobile	✓	✓	✓
Breathing			
Spontaneous breathing w/o external compressor	✓	✓	✓
Circulatory skills and IV drug administration			
IM Injections	✓	✓	✓
Volume infusion	✓	✓	✓
Realistic flashback	✓	✓	✓
IV insertion	✓ 9)*	✓ 10)*	✓
IO insertion	-	✓	✓
Automatic drug recognition	-	✓	-
CPR			
Anatomical landmarks	✓	✓	✓
Head tilt/chin lift sensors	✓	✓	✓
Ventilation with bag-valve-mask	✓	✓	✓

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Ventilation measurement and feedback	-	✓	✓
Chest compressions	✓	✓	✓
Abdominal thrust	-	✓	✓
Compression measurement and feedback	-	✓	✓
Detailed CPR evaluation	-	✓	✓
Compression counter	-	✓	✓
Complete release feedback	-	✓	✓
Gastrointestinal			
NG Tubes - insertion, care and removal	✓	-	-
Nasoenteric and esophageal tubes - insertion, care, and removal	✓	✓	✓
Feeding tubes - insertion and removal	✓	-	-
Auscultation of bowel sounds - normal / abnormal	✓	✓	✓
Stomach distention	-	✓	✓
Eye features			
Interchangeable pupils	✓	-	-
Unequal pupils	-	✓	✓
Dilated pupil	-	✓	✓
Light sensitive pupils	-	✓	✓
Blinking eyelids	-	✓	✓
Gender, age, size			
Adult	✓	✓	✓
Male	✓	✓	✓
Female	✓	✓	-
Full-body manikin	✓	✓	✓
Extraction / Immobilization			
Extraction	✓	✓	✓
Immobilization	✓	✓	✓
Simulation administration			
Event logging	✓	✓	✓
Remote control	✓	✓	✓
Create and edit scenarios	✓	✓	✓
Pre-programmed scenarios	✓	✓	✓
Web camera	✓	✓ 8)*	✓
Simulated patient monitor	✓	✓ 8)*	✓
Portability kit	✓	-	-

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Preset patient state levels	✓	✓	✓
Patient monitor with configurable vital sign display	✓	✓ 8)*	✓
PC control	-	✓	✓
Instructor PC	-	✓ 8)*	✓
Log	✓	✓	✓
Laptop PC	✓	✓ 8)*	-
Wireless operation	-	✓	✓
Create and edit themes	-	✓	-
Vocal sounds			
Pre-recorded vocal sounds	✓	✓	✓
Live vocal sounds (wireless or wired mic)	✓	✓	✓
Wounds / Trauma			
Replication of NBC Effects	✓	✓	✓
Bleeding and Hemorrhage Control	✓	✓	✓
Optional trauma limbs	✓	-	-
Optional trauma module set	✓	✓	-
Optional wound care and assessment module set	✓	-	-
Varicose veins	✓	-	-
Simulated blood, included	✓	✓	✓
Wound care and assessment module set	-	✓	✓
Amputation - Right Arm	-	-	✓
Amputation - Left Arm	-	-	✓
Amputation - Left Leg	-	-	✓
Amputation - Right Foot	-	-	✓
Other			
Realistic patient handling - full range of motion	✓	✓	✓
Denture care	✓	✓	✓
SPO2 saturation	-	✓	✓
Secretions: Sweat, tears, CSF, froth	-	✓	✓
Sits unassisted	-	✓	-
Bends at waist	-	✓	-

1) Bilateral

2) oral, nasal, digital

3) Oral, Nasal, Digital

4) needle, surgical

5) Needle, Surgical

6) bilateral midclavicular; right midaxillary

- 7) Bilateral mid clavicular
- 8) Optional
- 9) antecubital fossa; median, basilic & cephalic
- 10) Requires optional IV arm
- 11) light, tan and brown skin tones
- 12) Sold separately