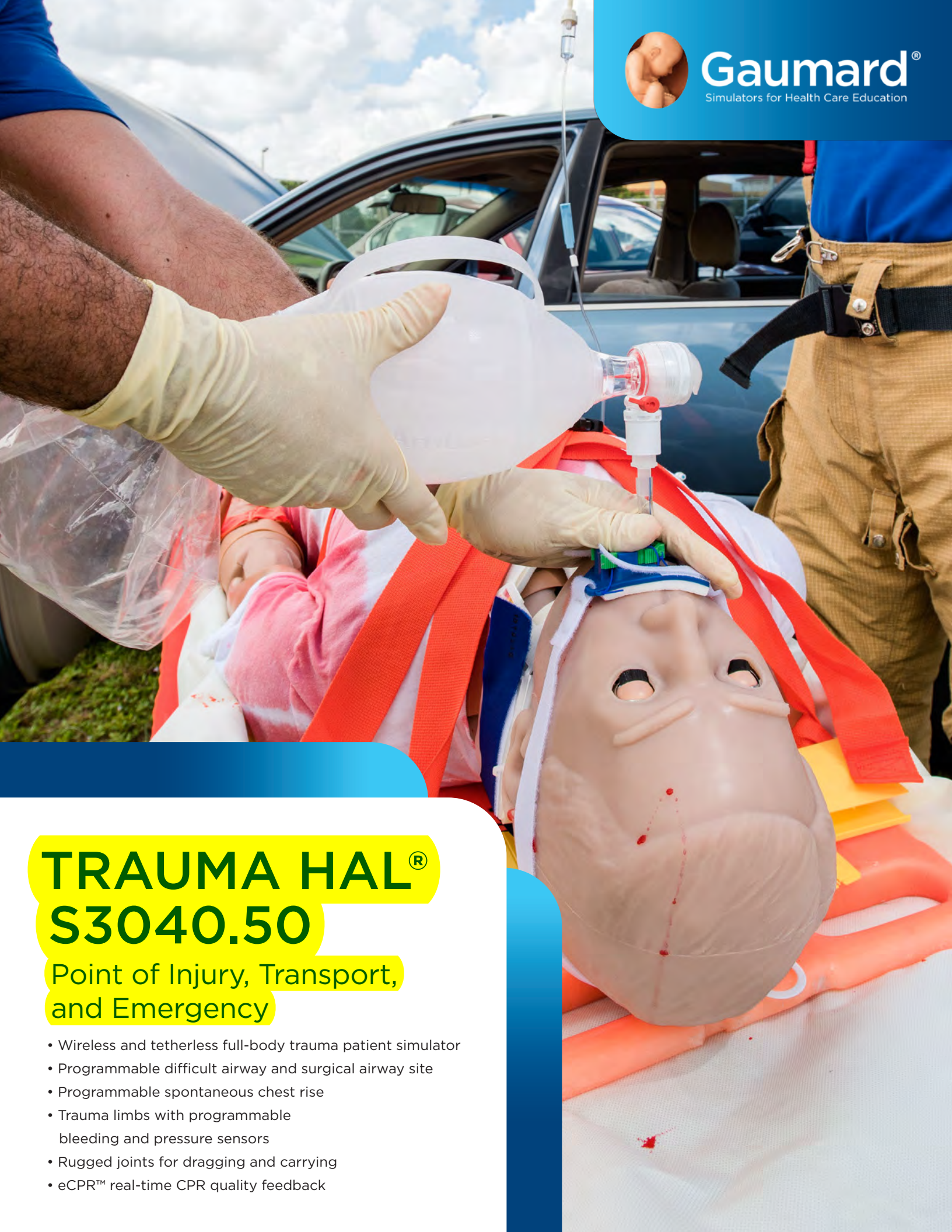




Gaumard®
Simulators for Health Care Education



TRAUMA HAL® S3040.50

Point of Injury, Transport,
and Emergency

- Wireless and tetherless full-body trauma patient simulator
- Programmable difficult airway and surgical airway site
- Programmable spontaneous chest rise
- Trauma limbs with programmable bleeding and pressure sensors
- Rugged joints for dragging and carrying
- eCPR™ real-time CPR quality feedback

Features

General

- Full-body adult, 70 inches (178cm), 46 lbs. (20.9 kg)
- Rugged shoulder and hip joints allow dragging and carrying
- Splash-proof for CBRNE water spray decontamination
- Self-contained design; all operating components and blood reservoirs stored inside the body
- Wireless and tetherless control¹
- Fully operational on battery power for up to 8 hrs² (AC power supported)
- Interchangeable trauma/healthy lower left arm and leg
- Designed for fast scenario reset; automatic self-refilling 1.5-liter reservoir system
- Rugged for outdoor use

Neurologic

- Library of prerecorded speech responses
- Streaming voice³ (option S3040.50.300)
- Normal, miosis (constricted), and mydriasis (blown) pupil states
- Independent left/right pupil states simulate consensual and nonconsensual response

Airway

- Programmable normal and abnormal throat sounds synchronized with respiratory rate
- Realistic airway with teeth, tongue, epiglottis, and vocal cords
- Programmable difficult airway: laryngospasms
- Articulated neck and jaw for head tilt/chin lift
- Naso/orotracheal intubation: ETT, Supraglottic Airway, King LT™
- Surgical airway for cricothyrotomy, tracheotomy, and tracheal hook exercises
- Supports suctioning liquids from the airway and lungs
- Visible gastric distention with excess BVM

Breathing

- Bilateral chest rise with BVM ventilations
- Ventilation detection
- Needle decompression with audible hiss
- Programmable normal and abnormal breath sounds synchronized with respirations and ventilations
- Spontaneous chest rise and fall with normal and abnormal respiratory patterns
- Programmable unilateral chest rise
- Unilateral chest rise with right mainstem intubation
- Upper/lower anterior lung sounds

Cardiac

- Selectable normal and abnormal heart sounds synchronized with ECG and pulses
- Preprogrammed ECG rhythm library with customizable variations

- 4-lead ECG monitoring using real equipment (12-Lead available option S3040.50.120)³
- Defibrillate and pace using real energy
- Effective compressions generate palpable pulses
- eCPR™ Real-time CPR performance monitoring
 - » Time to CPR
 - » Compression depth/rate
 - » Chest recoil
 - » Compression interruptions
 - » Ventilation rate
 - » Excessive ventilation
 - » Time to defibrillation
- CPR assisting tones
- Real end-tidal CO₂ capability³ (option S3040.50.078)
- Durable chest recoil design

Circulation

- Measure blood pressure with real sphygmomanometer
- Realistic Korotkoff sounds
- Bilateral blood pressure-dependent pulses
- Carotid, radial, femoral, and pedal
- Femoral artery pressure sensor
- Bilateral intravenous training arms
- Bilateral deltoid and quadriceps IM injection sites
- Intraosseous access at right tibia

Trauma

- Trauma limbs: Interchangeable trauma lower left arm and leg included
- Bleeding groin wound detects applied pressure
- Trauma site arterial bleeding synced with heart rate and blood pressure
- Blood pressure-dependent bleeding rate
- Arm and leg tourniquet detection
- Pressure on femoral artery reduces or stops distal bleeding in leg
- Internal 1.5 liter blood reservoir
- Automatic, self-refilling reservoir system
- Responsive blood loss monitor and reservoir level

Other

- Supports esophageal intubation and gastric suctioning
- Visible gastric distension with esophageal intubation

UNI® unified simulator control software

- Unified interface design
- Virtual patient monitor
- Scenario designer
- Preprogrammed scenario library
- eCPR™ - CPR effectiveness monitor and trainer
- Lab report designer
- Time-stamped event logging

Trauma HAL® S3040.50

S3040.50.PK

Trauma HAL S3040.50, wireless tablet PC, "bump" case, UNI® software license, battery charger, trauma/healthy lower left arms and legs, groin wound insert, soft carrying case, hands-free blood refill bag, user manual, One-Year Limited Warranty, extended warranty plans available. Patented; other patents pending.

Real CO₂ Exhalation

S3040.50.078

Adds real EtCO₂ capability. Features 10 programmable levels of CO₂ output.³

Streaming voice

S3040.50.300

Live voice streaming.³

12-Lead ECG

S3040.50.120

Adds support for 12-lead monitoring using real equipment. Includes UNI Myocardial Infraction and wave editor software upgrades.³

Care in Motion™ Mobile Video-Assisted Debriefing System

CIM.PK

Care in Motion Tablet PC, 3 battery-powered HD wireless cameras, 3 adjustable camera grips, transport case, One-Year Limited Warranty, extended service plans available.

Gaumard Vitals™ Portable Virtual Monitor

30081003A

Tablet PC-based virtual patient monitor. Features 20+ dynamic scalars and waveforms, customizable alarms and layouts, and virtual defibrillator.

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1. Maximum wireless range will vary depending on environmental factors and conditions. 2. Battery life estimates dependent on active features and settings; results may vary. 3. Option available only at the time of order. Price without options, discounts, or special offers. Taxes and other fees not included. Extended service plans, product installation, and training services are available. Product design and price subject to change without notice. All trademarks and/or copyright materials are the property of their respective owners. © 2021 Gaumard Scientific. Patented; other patents pending. All Rights Reserved. MADE IN USA. 11190142B - 11190020E