

## AirwayPlus Lifecast - Intubation/ Packable (APL-IP)

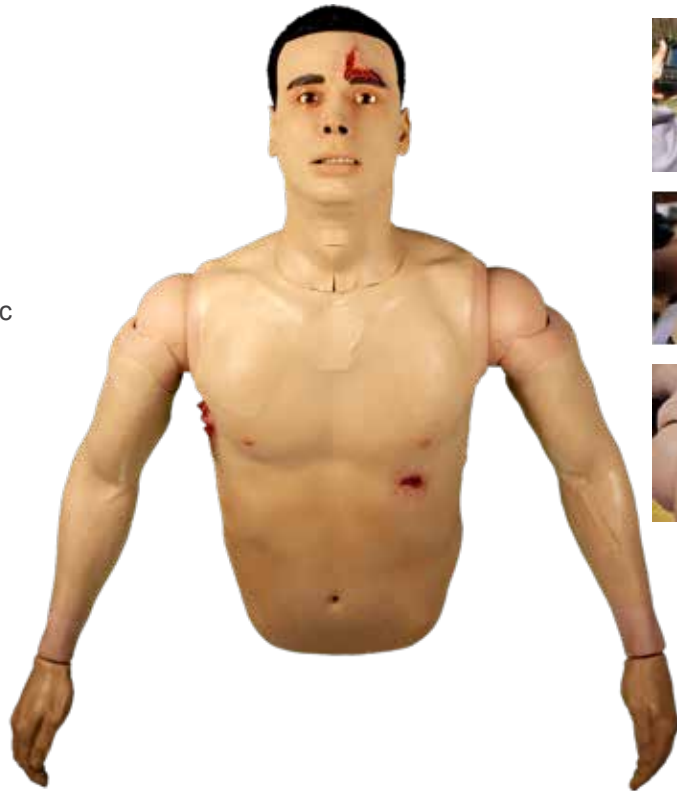
The TraumaFX® AirwayPlus Lifecast - Intubation/Packable medical simulator was created specifically to address the treatment of traumatic upper body injuries and incorporates a packable hemostatic wound and real-time feedback to create a uniquely realistic training experience. Constructed of a durable urethane core and specially formulated, life-like silicone skin, the APL-IP is designed to operate in inhospitable conditions and tough, outdoor scenarios. The APL-IP is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks that include maintaining an airway, needle decompression, cricothyroidotomy, intraosseous infusion, and chest tube insertion training.

### Rugged, Durable and Reliable

Each TraumaFX product is designed from the ground up for ruggedness and durability with careful consideration of materials and manufacturing processes to create products that last. They are water resistant and can be used in nearly any weather condition or environment, and can be transported in any vehicle or aircraft to ensure the most authentic training experience.

### Remote Controlled with Real-time Sensor Data

All TraumaFX high-fidelity simulators are operated by a long-range RC controller which includes real-time telemetry to monitor medical interventions. Easy to use, menu-driven software takes only minutes to learn and sensor data is immediately displayed on the main control screen for quick reference. The display shows key vitals and provides instructors with instant data on the effectiveness of student interventions such as tourniquet application, wound hemostasis, airway intervention, and more.



### Mix-N-Match

TraumaFX upper and lower trainers can be combined in any configuration to increase training capabilities

DATA SHEET

# Key Benefits of TraumaFX APL-IP

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the ruggedized Remote Control (RC)
- Packable axillary wound with real-time feedback allowing trainees to occlude bleeding by applying pressure
- Chest tube insertion site with replaceable, multiple use skin plugs
- Flexible jaw with internal tracheal landmarks for orotracheal intubation
- Eyes can be manually rotated to simulate a dilated or pinpoint pupil
- Oral airway cavity (with teeth and tongue) for oropharyngeal intubation
- Nasal passageways for nasopharyngeal intubation
- Optional airway obstruction to cue for surgical cric
- Simulated cricothyroidotomy with larynx with replaceable and skin plugs
- Reinforced silicone arms with articulating shoulders and full arm rotation
- Realistic manubrium allows intraosseous (I/O) training with fluid infusion
- Needle decompression training sites (full size 3.25" 14 gauge needle)
- IV training site with flash cue at the arm
- Simulated gunshot entrance and exit wounds - front and back
- Water resistant
- Easy to clean and maintain after use
- Optional non-bleeding amputation or burn arm

## Remote Control and Sensor Features

The RC remote control offers an LCD display screen for ease of operations. It provides full system operation from up to 200 yards away and includes real-time telemetry for sensor feedback and vitals data.

### Sensor and vitals data for the APL-IP include:

- Bleeding for packable wound (active/occluded, pressure, duration)
- Blood loss
- Pulse rate
- Respiration rate
- Airway status
- IV status
- Nasal blockage
- Alert, conscious, unconscious, anxious
- Patient alive/expired



## TraumaFX Multiple Amputation Trauma Trainer (MATT)® Awards



AMSO Award



Governors Award



SBIR Award



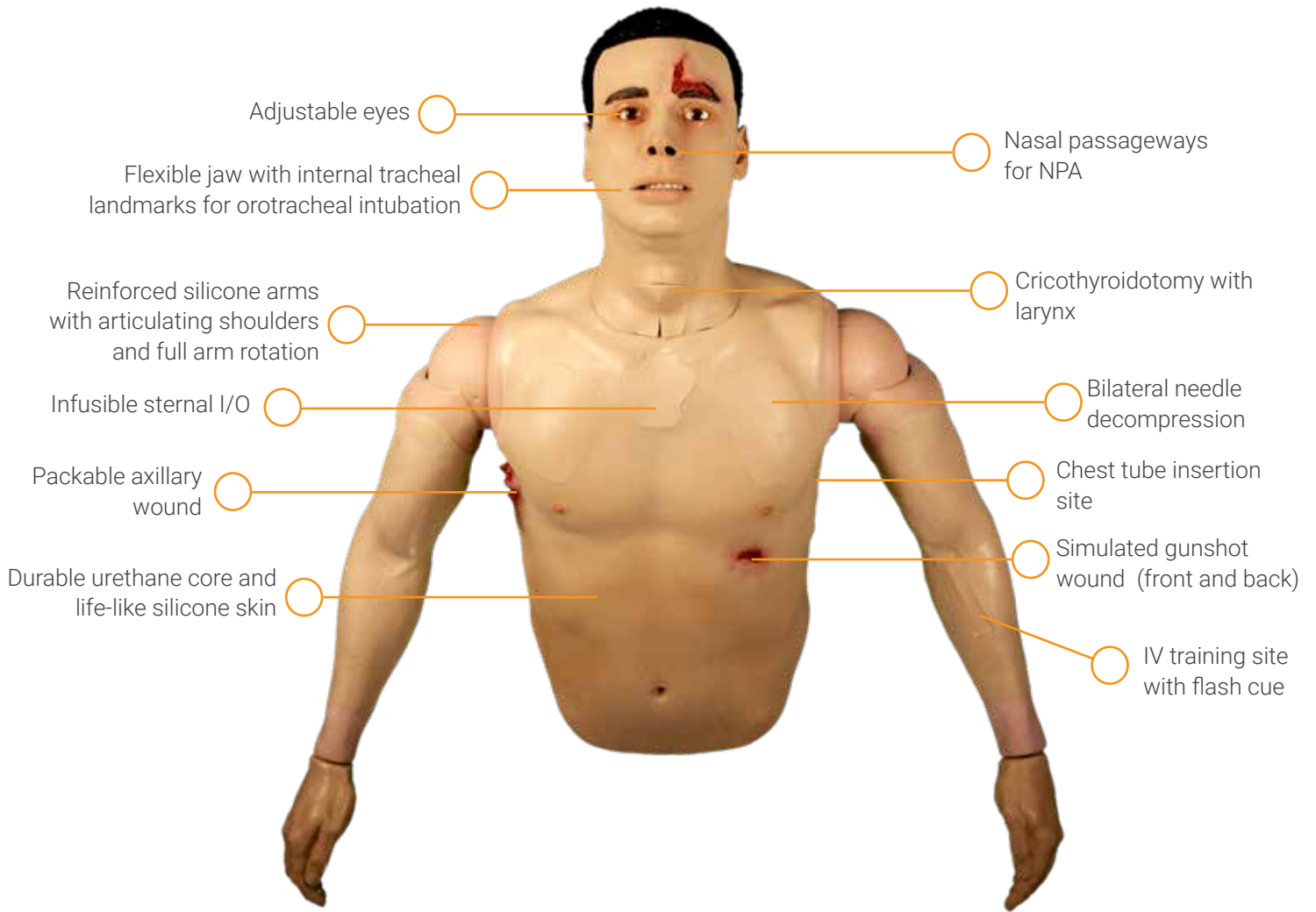
Modeling & Simulation  
Training Team Award

### Contract Vehicles:

GSA: GS-07F-063DA  
DLA ECAT: SPE2DH-18-D-0008  
PEO STRI TATT II: W900KK-19-D-0005  
PEO STRI VPSS: W900KK-18-D-0012  
NATO Logistics Stock Exchange

# TRAUMA F/X®

## APL-IP Feature Guide



Realistic airway for intubation with flexible jaw and tracheal landmarks

Optional burn and non-bleeding amputation arms



### All TraumaFX Products are handcrafted in the USA

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