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**EMERGENCY CARE SIMULATOR (ECS-100) TASK TRAINER**

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**Training Category/Level Utilized:**

Medical/Level 3

**Logistic Responsible Command, Service, or Agency:**

USAMMA

**Source and Method of Obtaining:**

Available through local TSC

**Purpose of Trainer:**

To provide medical training in combat situations from realistic depiction of casualties to optimal mobility over tough terrain realistic practice in performing intravenous injections in the antecubital area and dorsum part of the hand.

**Functional Description:**

The ECS represents a streamlined system of physiological models, with anatomical believability and real pharmacology that will help emergency professionals-in-training learn to recognize, treat and communicate any conceivable extent of trauma or illness. The ECS physiological models allow the METI ECS (ECS-100) to interact with the student and automatically respond to clinical interventions in a physiologically appropriate way. The ECS physiological models allow the instructor to focus on student learning, rather than merely operating the simulator. Adoption of proficiency-based simulator training by the 91W and BNCOC curricula will benefit medics and their patients, and will increase the skills and confidence of U.S. military medical personnel. With other patient simulators on the market, the instructor must spend the time manipulating the simulator to react to how he/she determines is the 'appropriate' response to an intervention. The ECS physiological models ensure that the patient response is consistent with human physiology, thus mitigating the opportunities for negative learning.

**Physical Information:**

Adult size arm and hand

**Equipment Required, Not Supplied:**

None

**Special Installation Requirements:**

None

**Power Requirements:**

None

**Applicable Publications:**

None

**Reference Publications:**

None

**Training Requirements Supported:**

Enlisted Personnel Courses in MOSC 91W  
and BNCOC