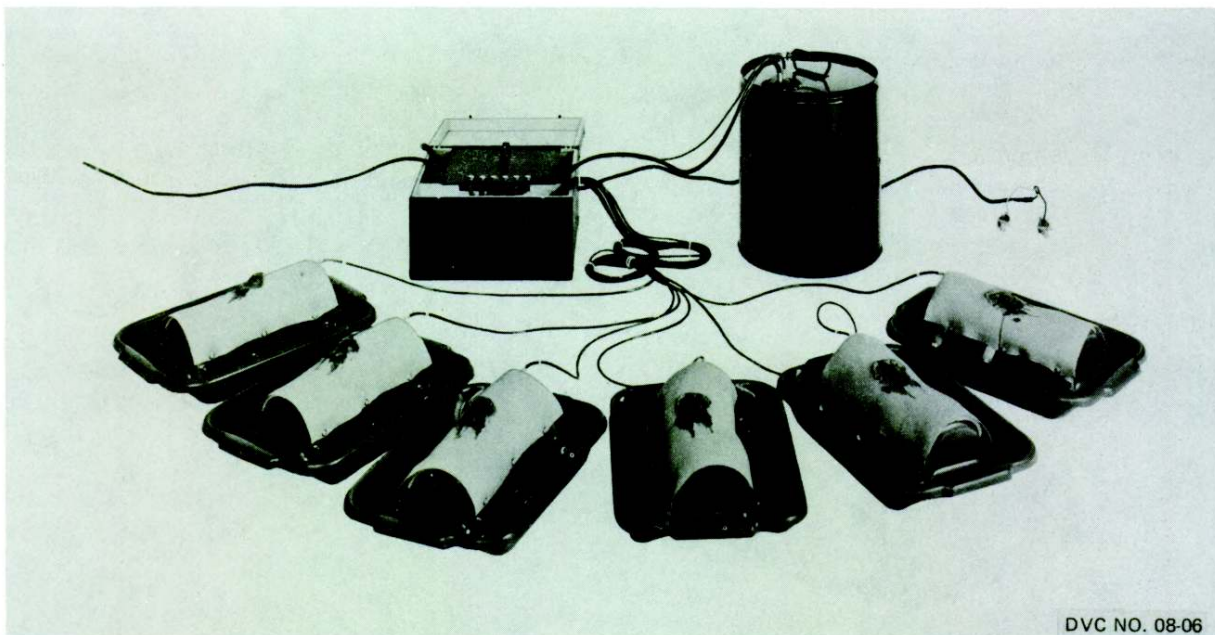


ARTERIAL-BLOOD ACTION SIMULATOR

DVC 08-06

NSN: Pending



DVC NO. 08-06

Training Category/Level Utilized:

Medical/Level 1

Logistic Responsible Command, Service, or Agency:

USAMMA

Source and Method of Obtaining:

Not generally available for issue (limited Production)

Purpose of Trainer:

The device provides trainees realistic practice in tying off blood vessels and applying first aid to the area of the antecubital fossa (forearm) by simulating the sight and action of arterial injury and bleeding. It is to be used at all medical training levels for basic or special training in identifying wounds of forearm and practice in tying off arteries. Used also for evaluation of performance. The specific training requirements are shown following the descriptive data. It should not be used in below-freezing temperature to avoid freezing of "blood" in reservoir.

Functional Description:

Principal components of the device are the six plastic mouldages of a wounded forearm which is bleeding from the artery. Each of these mouldages is life-size and realistically colored. They may be placed on foam rubber in trays, which are provided, or strapped onto dummies or human "subjects" during the first-aid training. The six mouldages may be operated separately or simultaneously.

Simulated blood, mixed from a powder provided with the device, is stored in the 5-gallon reservoir provided. Manifold valves control the blood flow to the desired mouldage(s) so that it flows into the mouldage and out of the wound, as it would on a wounded person.

Control of the simulated blood is accomplished by means of a pump and power-supply unit, six blood-supply lines, a bypass return line, and a main blood-supply line.

Physical Information:

Double boxed for shipment, 8.5 cu ft

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Equipment Required, Not Supplied:

None

Special Installation Requirements:

None

Power Requirements:

None

Applicable Publications:

Operator Instructional Manual

Reference Publications:

Commercial Texts

Training Requirements Supported:

Used to train Officers in Emergency Medical Procedures