

Research and Development of Medical Simulations

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ABSTRACT:

The Army's current generation of medical simulation is prone to many problems with cost, durability, fidelity, and required preparation time. A number of solutions to these problems are currently in development, including the Stand-Alone Patient Simulator (SAPS), improved moulage (injury creation) kits, and computer simulation. These improved training solutions are intended to reduce training time and cost, increase realism, and provide more effective stress inoculation to combat medics, combat lifesavers, and other soldiers, thus increasing their combat effectiveness in battle.

KEYWORDS: medical simulation, SAPS, moulage, computer simulation, stress inoculation, injury creation science.

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