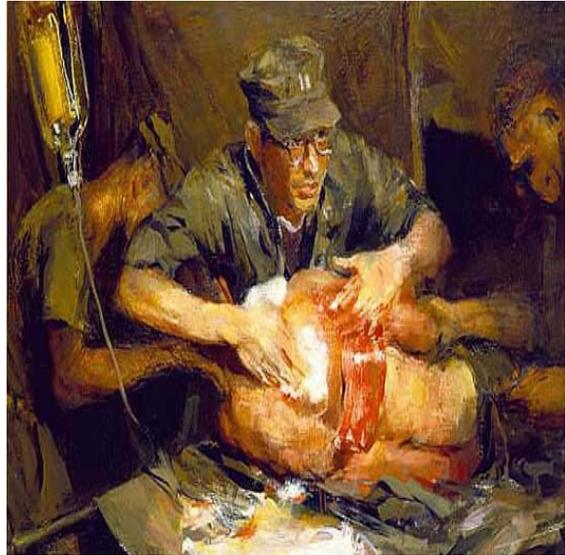


### Casualty Modeling and Simulation

**Purpose:** To support analysis into characterizing changes in wounding types and distributions of injuries in asymmetric warfare and Military Operations in Urban Terrain (MOUT).

**Background:** Currently, casualty estimation and distributions of wounds is based on data collected during the Vietnam and Korean conflicts. Changes in body armor, threats and warfighting environments (MOUT) may require adjustment of the historical distributions. Anecdotal evidence supports the hypothesis that future-wounding patterns will be different from the past.



**Description:** This modeling effort will produce analytical data using injury scoring of contemporary conflict databases. The model will conduct a comparative analysis of historical and contemporary conflicts wounding patterns (US, Russia, Israel, UK, FR, Croatia). The resulting analysis report will support advanced models under development at Naval Health Research Center and SPAWAR.

**Deliverable Products:** Analysis Report.

**Milestones:**



**Action Officer:** 703 432-0467