

# The "Top 10" Research and Development Priorities for Battlefield Surgical Care: Results from the Committee on Surgical Combat Casualty Care Research Gap Analysis

Martin et al. (2019)

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## **For which topic were research priorities identified?**

battlefield surgical care

## **In which location was the research priority setting conducted?**

North America - USA

## **Why was it conducted at all?**

The US Military has achieved the highest casualty survival rates in its history. However, there remain multiple areas in combat trauma that present challenges to the delivery of high-quality and effective trauma care. Previous work has identified research priorities for pre-hospital care, but there has been no similar analysis for forward surgical care.

## **What was the objective?**

to assemble a comprehensive list of prioritized research gaps and topics, including a top 10 list of the most important areas for focused research funding and efforts

## **What was the outcome?**

a ranking list of 10 research topics

## **How long did the research prioritization take?**

No information provided.

## **Which methods were used to identify research priorities?**

survey

## **How were the priorities for research identified exactly?**

Step 1: researchers identified focus areas related to surgical care. Step 2: initial list distributed to entire CoSCCC membership for review and solicitation of additional research topics, additionally review of literature. Step 3: master list of all 90 identified research topics finalized, each topic was categorized by mapping it to most relevant general research focus areas. Step 4: survey: participants were asked to rate each topic

## **Which stakeholders took part?**

Physicians (general surgeons or trauma surgeons), non-physician researchers, nurses. Majority in current active military duty: 50% army, 20% navy, and 20% air force, 10% either dod or non-dod civilians. 64 participants.

## **How were stakeholders recruited?**

All members of the CoSCCC, as well as members of the military committees of the Eastern Association for the Surgery of Trauma and the American Association for the Surgery of Trauma were asked to participate.

## **Were stakeholders actively involved or did they just participate?**

Stakeholders were mere participants of the research prioritization process; they were not actively involved in the process.