



Lessons Learned from Arctic Edge 2026: Translating research from the laboratory into experimentation

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The team has no conflicts of interest to report.



Agenda



- Background of experimentation
- What does it take to get to Arctic Edge 26
- Experiment Design
- Lessons Learned from Arctic Edge 26
- Summary



Why Experimentation?

Health and
Injury
Prevention

Infection
Control

Trauma

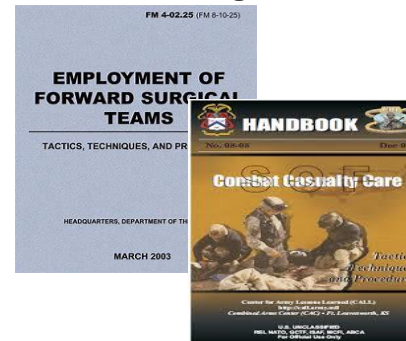
Rehabilitation

Performance



Medical Products

Knowledge*





Why Experimentation?



- Align products with experiments and the goals of the event
 - Not all experiments are the same (people, joint, multi-national, environment, etc.)
 - Experiments or tag onto exercise (experiments=dedicated eval; exercise=training)



DVIDS-5-52 ADA stage at ARCTIC EDGE 2022



DVIDS-7th Airlift Squadron achieves proficiency training on assault landing zones in INDOPACOM



Arctic Edge 26



Joint and combined multi-domain Field Training Exercise (FTX) in various locations throughout Alaska and Greenland from Feb. 23 - March 13, 2026



Experiment: Acceptability and Consumption



- Goal of the Study
 - Evaluate Meal Cold Weather (MCW) and Modular Operational Ration Enhancement (MORE) Type 1 (high altitude/cold weather) in cold weather operations
- Design
 - Observation of interaction with MWC and MORE products
 - Consumption levels
 - Energy expenditure vs intake
 - Weight
 - Surveys for feedback
 - N=100





What does it take to get to AE26?



- Meal Cold Weather and Modular Operational Ration Enhancement
 - Research or Touch point for feedback
- Logistical considerations
 - Funding
 - How to get test items there
 - People to collect data
 - Units assigned to participate/enroll in study
- Study execution
 - Unit participation and cooperation
 - Data collection





Lessons Learned



- Communication essential
 - Unit leaders-goals, impacts
 - Agreements to participate (pre-exercise reviews and agreements)
 - Integration of study procedures without impeding AE26 operations
 - Research team responsibilities
- Logistics
 - Shipping MCW and MORE
 - Travel, lodging, movement to exercise sites
- Flexibility
 - Plans change due to events beyond your control





Questions



QUESTIONS?



