



Development of an Interdisciplinary Wilderness Medicine Education Curriculum

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Problem Identification

- Wilderness Medicine is medical care administered in areas with geographic challenges, austere conditions, and reduced resources making patient care and movement challenging
- Medical residents, nurses, and prehospital providers receive little training in translating their knowledge and skills to backcountry settings and unique remote environmental medical problems

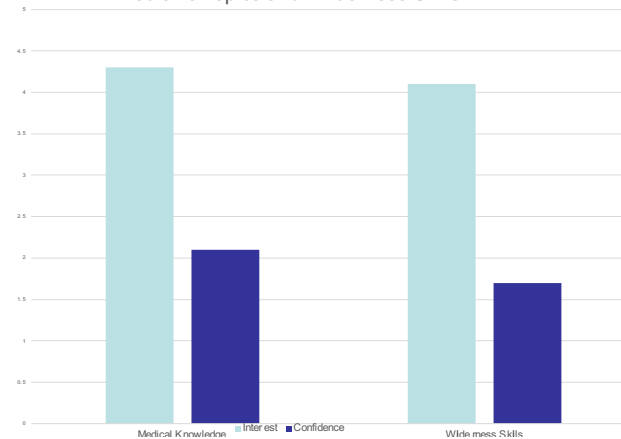
Needs Assessment

- We conducted a survey of EM residents to assess their comfort with Wilderness Medicine topics and their interest in learning more about care in backcountry environments
- We also conducted small focus groups with nurses to gauge their interest in Wilderness Medicine continuing medical education and training

Goals and Objectives

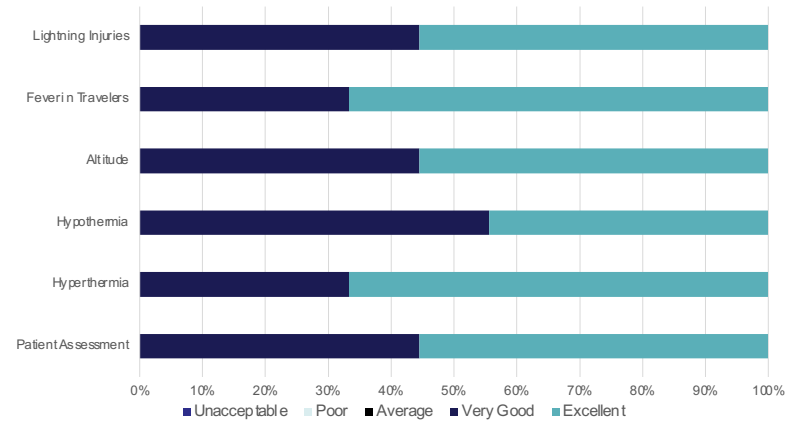
- Provide evidence-based education to local healthcare professionals interested in learning more about Wilderness Medicine
- Empower participants with knowledge and opportunities to use in real world situations to increase their confidence in deciding to act to care for others in remote and austere settings
- Develop resident and nurse experts trained within the program to provide peer-to-peer teaching to others
- Provide a group of like-minded individuals for networking and collaboration

Pre-Program Interest vs. Confidence of Emergency Medicine Residents Regarding Medical Knowledge of Wilderness Medicine Topics and Wilderness Skills



Charts

Quality of Lectures as Rated by Participants



Educational Strategies

- Develop a longitudinal, interdisciplinary curriculum addressing common Wilderness and Environmental Medicine topics for medical residents, nurses, students and prehospital providers
- Provide frequent skill sessions and practice of knowledge application in remote prehospital environments
- Create an interdisciplinary community of individuals interested in Wilderness Medicine and provide opportunities to connect with like-minded medical professionals and students

Implementation

- Develop and administer a longitudinal series of online lectures on common Wilderness and Environmental Medicine topics to provide background knowledge and information on austere and remote medical care
- Provide quarterly skill sessions to practice hands-on application of this knowledge in wilderness settings and more remote prehospital environments

Evaluation

- Questions after online educational modules required to pass for CME or CE credit
- Direct observation of skills during quarterly practice sessions
- Written evaluation by program participant via online surveys
- Expansion of program to medical and nursing students, with similar evaluation methods