


 **ITLS**
International Trauma Life Support




Harry Sibold, MD, FACEP
State EMS Medical Director
Montana Board of Medical Examiners



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Topic for discussion today!



Medical Care in austere environments

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Disclosures:
None



Thank you!



Who am I to be talking?



▶ Park Ranger/Park Medic
National Park Service



▶ Paramedic

Phoenix
Phoenix Fire Department



San Diego-Hartson
member S.T.A.R. team
hi-angle rescue, surf rescue & tactical/SWAT EMS



Medical School



East Tennessee State University
Quillen College of Medicine

Residency





Wake Forest University School of Medicine
NC Baptist Hospital
Emergency Medicine
Member: NC S.O.R.T. (NDMS) team



Board Certified: Emergency Medicine
Secondary Board: Undersea & Hyperbaric Medicine

Fellow – American College of Emergency Physicians



Emergency Physician 1995-1998  Saint Alphonus  St Luke's
Boise, ID
Medical Director - Ada County EMS-High Angle Rescue team

Metro Life Flight 1995-2000
Flight Physician
Cleveland, OH
Past-president: *Air Medical Physician Association*
Consultant and lecturer on air medical transport



Mid Atlantic Emergency Medical Associates
Staff Emergency Physician
Member and past chair:
Charlotte/Mecklenburg MEDIC control board
Medical Director: NC SMAT team; Katrina deployment












Survey

Doctors, Midlevels, Paramedics/EMTs, Others

Who has...?



What is an “austere environment”???





What is an “austere environment”???















The Message?

Planning!

Natural Disasters

Planned/Unplanned
Anticipated/Unanticipated





Waveland, Mississippi
September, 2005

Bay St. Louis, Mississippi
September, 2005











Do I work in an “austere environment”???

MTS





Joplin, MO
2011

























BE PREPARED




As we said before, some choose to practice in harsh, primitive environments








- ▶ Personal Preparation
 - ▶ Self-Rescue
 - ▶ Gear – Jump Kit – Go Bag
 - ▶ Mental/Physical/Psychological Preparation
 - ▶ Understand your patient(s)
- 

Improvise

Murphy's Law is a constant



Case #1

Mt. Whitney
Sequoia-Kings Canyon National Park



Case #2

Hazel Creek area
Great Smoky Mtns. National Park



Case #3

Civil Air Patrol
Backcountry ID/OR border



Case #4

Big Meadows Fire
Lakewood, CO area
"an incident within an incident"



Mentors and Models











Final Thoughts

Attitude Attitude Attitude





Semper Paratus





Semper Paratus





Semper Gumby

Always Flexible!!!



Resources:

ITLS
Wilderness Medical Society
National Outdoor Leadership School
WEMT/WFR classes





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Thanks for hanging with me



Any questions?
comments?



OK, then we're out of here....



thanks again.....