

Defining the austere environment

Outlining the concept of the FRST/ GHOST team

Incorporating anesthesia in the austere environment and explaining how it differs from a traditional anesthesia setting

Incorporating the concept of administering whole blood in trauma patients

Utilizing TIVA as the sole anesthetic in the austere environment

Applying clinical practice guidelines (cpgs) as it pertains to trauma anesthesia and damage control resuscitation and surgery

Discussing various transport platforms as it pertains to the austere environment

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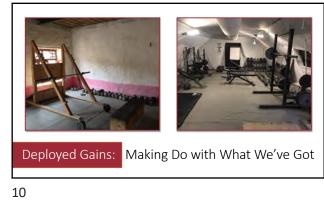














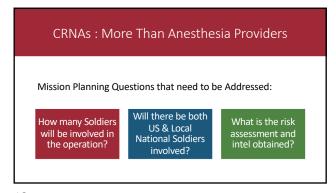
Mission of a FST or FRST

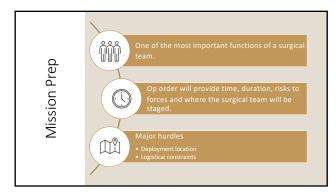
Now known as the Forward Resuscitative Surgical Team (FRST)

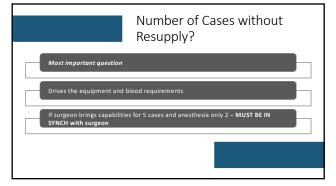
Has the ability to separate into two teams while jumping from one site to another.

Highly mobile 20 person medical team that operates close to the front lines

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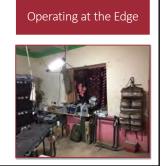




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Packable, Portable, Ready:

Anesthesia Anywhere

- Capabilities to do 2 Surgical Procedures
 - IV fluids
 - TIVA supplies with medications and narcotics
 - Airway equipment
 - Venous access supplies
 - Arterial Line equipment
 Regional Block supplies
 - Mindray Monitor
 - SAVE 2 / Sparrow Vent
 - Buddy light Fluid Warmer
- Walking Blood Bank Kit



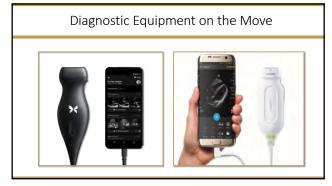




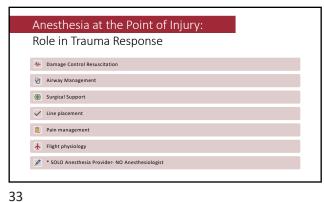
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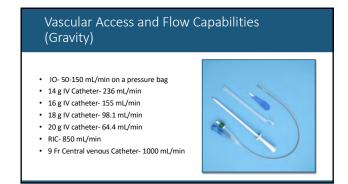




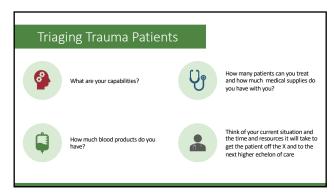


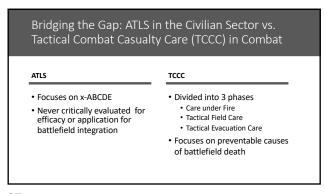










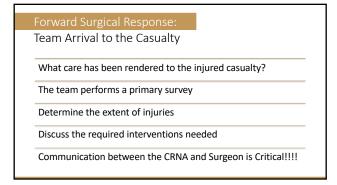


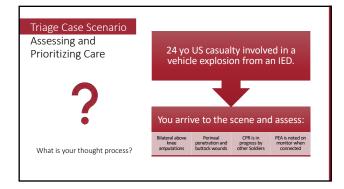


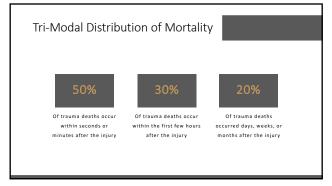




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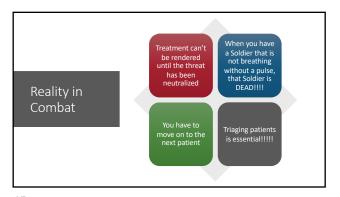


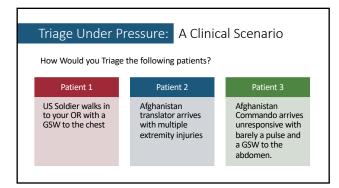


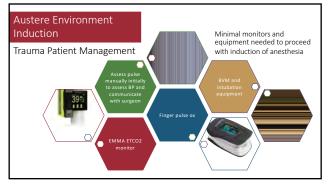




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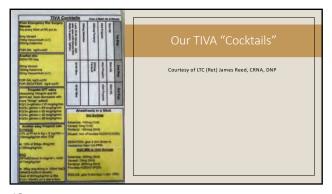


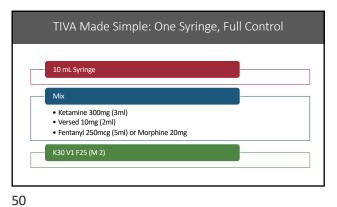






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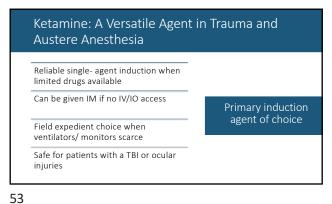


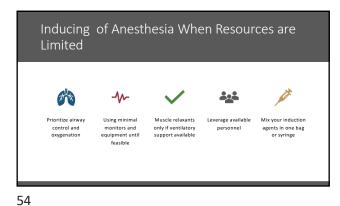


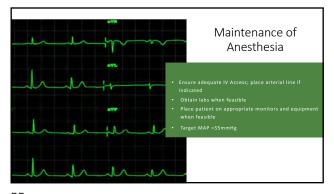


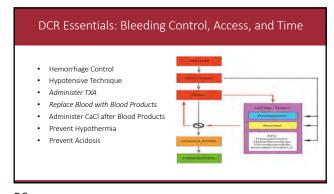


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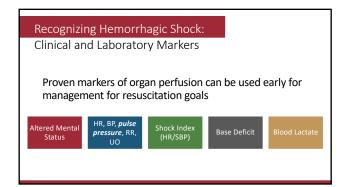
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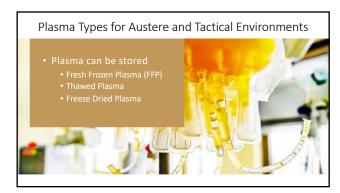






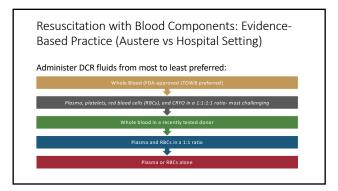






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Managing Hypotension When Blood Isn't Enough • If a vasopressor support is required, utilize vasopressin NDC 63323-930-00 Vasopressin Injection, USP Maintain MAP > 55 Associated with a higher mortality if required • If unresponsive to vasopressors, administer Hydrocortisone 100mg IV • Avoid routine vasopressors in Hemorrhagic shock!!!

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What Guides US: Decision- Making in the Combat Environment

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Clinical Practice Guidelines (CPGs) are the Backbone of the Joint Trauma System(JTS) Performance Improvement Program for Combat Trauma

"CPGs are evidence-based and developed with subject matter experts in the military and civilian communities, deployed clinicians, trauma care physicians, surgical consultants, and JTS leaders."

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Key CPGs for Anesthesia

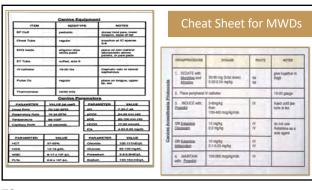
- Airway Management in Prolonged Field Care
- Airway Management of Traumatic Injuries
- Analgesia and Sedation Management During Prolonged Field Care
- Anesthesia For Trauma Patients
- Prehospital Blood Transfusion
- Damage Control Resuscitation
- Austere Resuscitative and Surgical Care
- Whole Blood Transfusion
- Military Working Dog CPGs (approx. 20)

Care of the Military Working Dog (MWD) in the Austere Environment





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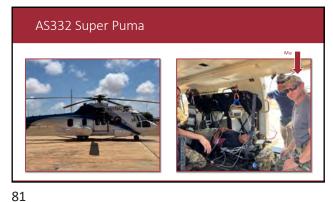








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Why We're Winning the Fight for Lives on the Battlefield / Improved personal protective equipment Tactical Combat Casualty Care (TCCC) * Faster Evacuation Times Better trained medics

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