#### WORKING IN THE THE WORLD OF GHOST-Ts



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#### OBJECTIVES

• REVIEW ELEMENTS OF MILITARY MEDICAL MISSION, PRESENT MY EXPERIENCE AND LESSONS LEARNED



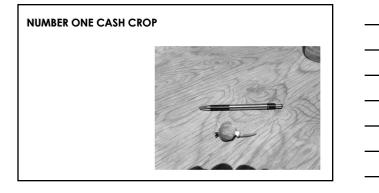


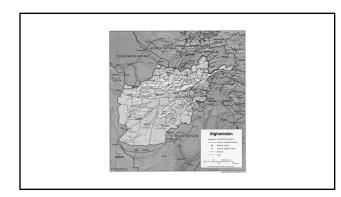




#### AFGHANISTAN

Population: 35 million Area: 252,000 Sq Mi (size of Texas) GDP; \$70 billion/yr, GDP per capita- 596, (US- 55671) Currency: Afghani, EX- 71.5 to 1USD Languages: Pashto, Dari 14 Ethnic Groups- Pashtun (42%), Tajik (20%), Hazara (10%) Main export: Opium- 90% of worlds supply, employs 400,000, more than Afghan National Security Forces





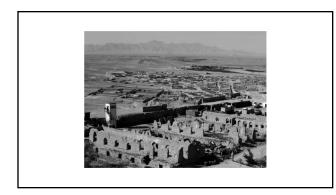


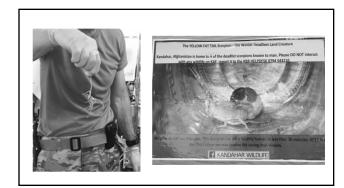


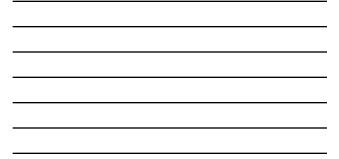






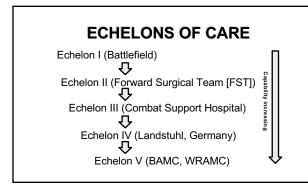








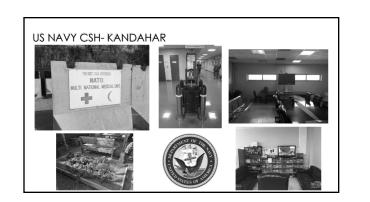




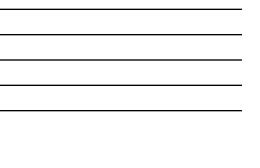






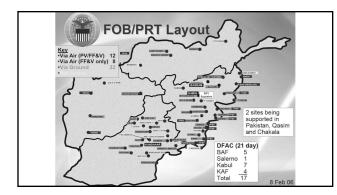














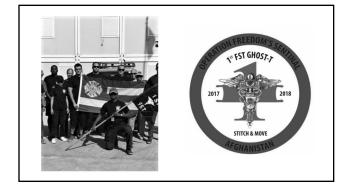


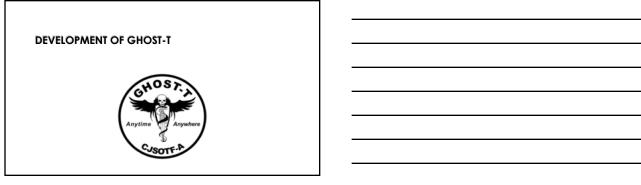


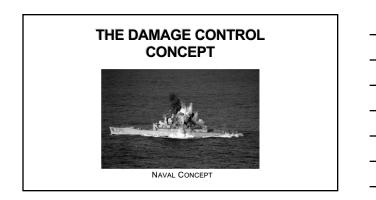
GOAL TO BRING THE TALIBAN INSURGENT LEADERS TO THE NEGOTIATING TABLE











# OLD PARADIGM

- AGGRESSIVE IVF
- AGGRESSIVE OPERATIONS
- DEFINITIVE MANAGEMENT
- LONG PROCEDURES



## **NEW PARADIGM**

DAMAGE CONTROL RESUSCITATION



#### **GHOST-T MISSION STATEMENT**

 EIGHT-MEMBER EXPEDITIONARY SURGICAL TEAM TO PERFORM RESUSCITATIVE SURGERY ESSENTIAL TO STABILIZE SEVERELY INJURED PATIENTS AND PROVIDE CONTINUOUS STABILIZATION TO SAFELY EVACUATE TO THE NEXT HIGHER LEVEL OF APPROPRIATE MEDICAL CARE IN ORDER TO INCREASE THE FLEXIBILITY OF THE WARFIGHTER OUTSIDE OF THE THEATER ORGANIC "GOLDEN HOUR" MEDICAL EVACUATION RANGE. 

 STAFFING
 Two Surgeons (61J or 61M)

 Secondary function: First Assist, ATLS and Critical Care

 Two Certified Registered Nurse Anesthetist (66F)

 Secondary function: Critical Care Nurse/ First Assist

 Two OR Technician (68D)

 Secondary function: NCOIC/First Assist

 /CMS/Admin

 One Medic (68W/C)

 One Supplementary Personnel (68W/C/66H/70B)

 Secondary function: NCOIC/Circulating

 Nurse/Comms/Admin



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Fixed structure ~vs.~ tent or austere environment Nearest Role III/Role II and MEDEVAC location (PACE plan)

Less than 3 days: Light package More than 8 days: Heavy package

Less than 300 PAR: Light package More than 300 PAR: Heavy Package

\*\*\*Varies depending on mission requirements\*\*\*



#### **GHOST-T OPERATIONS**

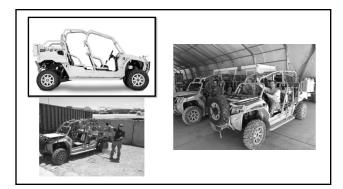


 Capable of placing a surgical asset whether in an austere or fixed environment.

GHOST Light packet consists of one razor, one surgical equipment package, supplies and blood necessary to treat up to five patients (one surgical pending on severity of patient).

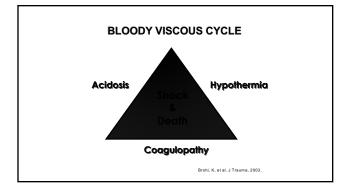
GHOST Light team: Surgeon, CRNA, OR Tech, Nurse and Medic that can sustain operations for less than four days

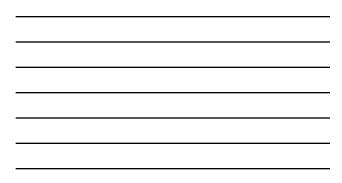
 A surgical kicker located at BAF can be sent to increase number of days and supplies.

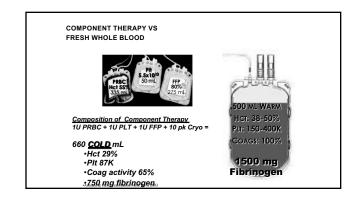












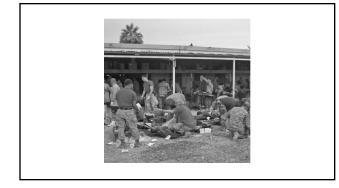
## **PERMISSIVE HYPOTENSION**

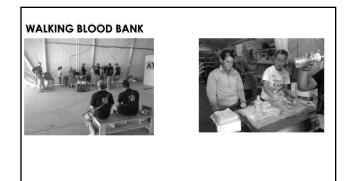
 INTENTIONAL STRATEGY OF DELAYING RESUSCITATION WITH ISOTONIC CRYSTALLOID SOLUTION UNTIL HEMORRHAGE CONTROL.

TARGET MAP IS 60

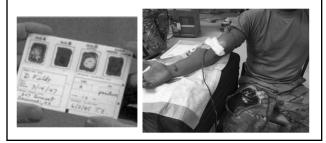
• "DON'T POP THE CLOT"



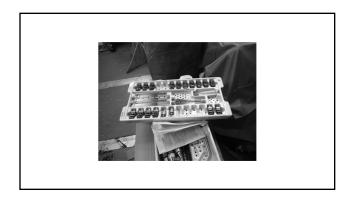


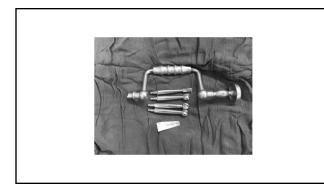


PRESCREENED AND TYPED

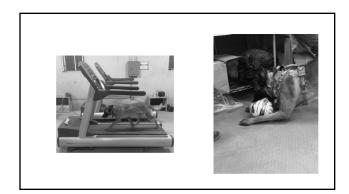






















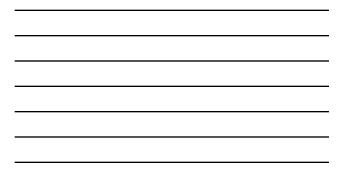


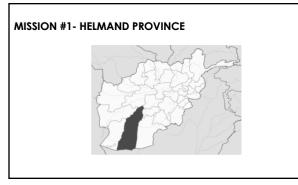








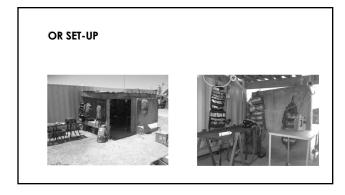


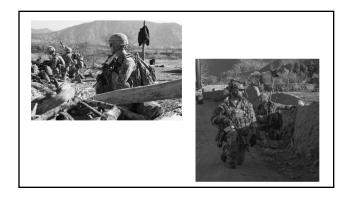


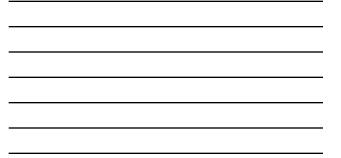










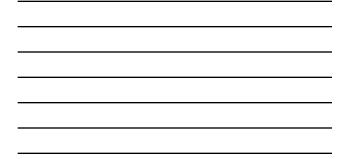


### **MISSION #2- SHINDAND**

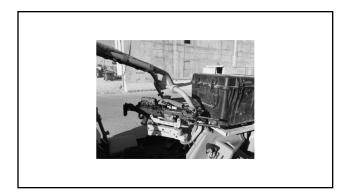
















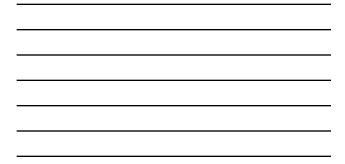








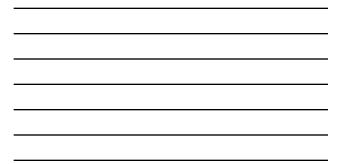
















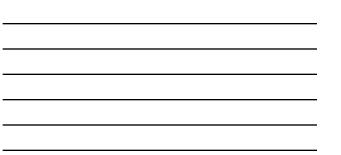


LEARN HOW TO USE A STAPLER







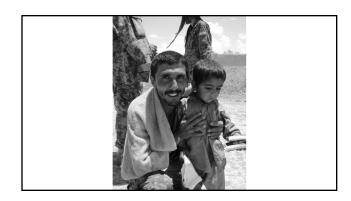






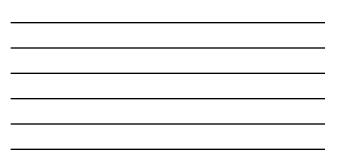
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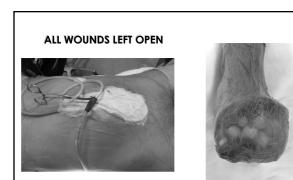




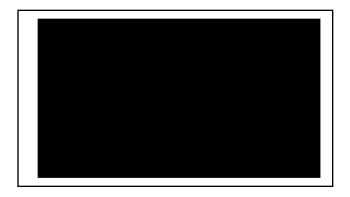














#### WHAT SAVED LIVES

- COMBAT LIFEAVERS-MEDICS
   RAPID APPLICATION OF TOURNQUETS
   RAPID MEDICAL ASSETS AND DIAMAGE
   CONTROL SURGERY
   USE OF WHOLE BLOOD
   EARLY MEDEVAC TO NEXT LEVEL OF CARE

