Air Force Medical Service
Focus Areas in Action

Lt Gen Mark Ediger
AF Surgeon General
9 February 2017
Focus Areas

Full Spectrum Readiness

Trusted Care

Integrated Operational Support

Air Force Medical Home
Breaking Barriers ... Since 1947
Deployable Capabilities
Austere Surgical Team

- 2 teams per EMEDS
- Initial formal training: Phase 1 & 2 (3 wks) for Ground and Air Capable; Phase 3 (additional 2 wks) for Air Capable only
- Composition: surgeon, anesthesiologist, critical care nurse, ER physician, surgical tech, MSC

- Summer 2017
  - Phase 2 Course roll out
  - Update: EMEDS & Austere Surgical Field Exercise Service Test scheduled for June 2017
- Summer 2017
  - Phase 1 Course roll out
  - Update: scheduled for October 2017
- Fall 2017
  - Phase 3 Course roll out

- April 2017
  - Initial ADHOC Team Training
- June 2017
  - Initial ADHOC Team – Scheduled for Deployment
- September 2017
  - PCS additional cadre for course requirements
  - Phase 1 & Phase 3 Courses
- Summer 2017
  - Start transitioning EMEDS fleet to new concept & equipment
- TBD
  - Field Exercise at Silver Flag/JRTC

Breaking Barriers ... Since 1947
Special Ops Surgical Team

- Team composition
  - General Surgeon
  - Anesthesiologist or CRNA
  - Scrub tech
  - ER physician
  - ER or ICU nurse
  - Respiratory therapist

Casualty Collection Point

Trauma Bay
REBOA

- 7 wks, 757 patients, 102 damage control resuscitations
  - REBOA used in penetrating wounds and hemodynamic compromise:
    - 3 GSW to lower chest and/or abdomen
    - 1 blast injury to lower inguinal region
  - Aortic occlusion in 5-8 minutes with REBOA
Partnerships

- 1,153 TAAs
- 213 AF at civilian institutions
- 54 VA agreements
Clinical Currency and Training

- Sustained Medical and Readiness Trained-Regional Currency Site (SMART-RCS) at University Medical Center (UMC), Southern Nevada

- Dr. Jana Davis, Orthopedic Surgeon
  - UMC 3x/wk, Nellis AFB 2x/wk
  - In the past 7 months:
    - 183 surgical cases, 78 for currency, 52 at UMC
Currency and Training (cont.)

- Center for Sustainment of Trauma and Readiness Skills (C-STARS): Baltimore, Cincinnati, St. Louis
- Hone trauma care skills prior to deployment
- Maj Shane Runyon, Critical Care Nurse
  - R Adams Cowley Shock Trauma Center:
    - 21 evals daily
    - 8K admits/yr
  - Trauma OR: 6K operations/yr
Integrative Medicine

- Acupuncture & Integrative Medicine Center, JB Andrews
  - Modalities: Battlefield Acupuncture (BFA), Auricular Acupuncture, Inter X, Piezo-E-Stim, PENS Scan Technique, Direct 520nm LASER, Korean Hand Acupuncture, Micro-Current, Ion Pumping Cords, Calamar Pain Device
  - Since 2009:
    - 59 BFA classes taught
    - 1,124 providers certified
    - 24 scholarships awarded for 300-hr course
    - Jun – Dec 2016: Acupuncture at 81% of MTFs
  - Graduate Medical Education, Nellis AFB
    - 12 physicians completed 300-hr course
    - Additional 12 on target to complete by June 2017
Health Coaching

- Partnering with patients; “primary prevention” focus
- Fairchild AFB (on-site coach), JB Anacostia-Bolling (tele-coach)
- Contract w/ University of Pittsburgh Medical Center
  - *MyHealth Coach Academy* accredited by National Consortium for Credentialing Health and Wellness Coaches
    - 156+ hr curriculum + skills building/CCEUs
- Program launch this month (Feb 17)
Safe & High-Quality Care

USAFA Trusted Care Heroes
- Recognized Internal Med opioid over prescription
- Created multi-disciplinary Pain Mgmt Gp
- 4-5 pts discussed per month with >90 Morphine Equivalent Dose
- Upload recommendations in HAIMS for PCMs
- Narcotic prescription/use decreased 40-60%

Air Force Sentinel Events 2014-2016

Dr. Kuprian (Internist)  Dr. Evans (Internist)

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Mission-Specific Support

- 480 ISRW Operational Medical Element (OME)
  - 31 embedded personnel
    - 14 mental health
    - 17 physical health
- 480 ISRW = lead for AF DCGS
  - Multisource raw intel → immediate tactical advantage
  - Develop elimination targets, assist Troops in Contact, locate IEDs, provide pattern of life analysis
QUESTIONS?