Sustained Medical & Readiness Trained (SMART)

Deputy Group Commander
Chief Nurse
Overview

- 6 MDG Productivity & Services
- Balancing AFMS Transition
- Training Affiliation
  Agreements/Memorandums of Understanding
- Small Hospital Clinical Skills Enhancement Prgm (SHCSE)
- Training Platforms
- Successes/Challenges/Concerns

Prepare, Prevent, Heal, Deploy (P2HD)
Four Unique Lines of Effort

- Prepare, Prevent, Heal, Deploy (P2HD)
## Services

### PRIMARY CARE
- Family Medicine
- Flight Medicine
- Internal Medicine
- Pediatrics

### @DENTISTRY
- General Dentistry
- Dental Lab
- Endodontics
- Periodontics
- Prosthodontics
- Oral Surgery

### ANCILLARY SERVICES
- Pharmacy
- Immunizations
- Laboratory
- Diagnostic Imaging

### SPECIALTY SERVICES
- Allergy
- Audiology
- Cardiopulmonary Lab
- Chiropractic Care
- General Surgery *
- DDR Support
- Dermatology
- HAWC
- Mental Health
- Nutritional Medicine
- Occupational Medicine
- Ophthalmology
- Optometry
- Orthopedics
- Physical Therapy
- Women’s Health

* = Off-Base
Bridging the Critical Care Gap

Continuous Increase in Level of Care Provided

Prepare, Prevent, Heal, Deploy (P2HD)
AFMS Hospital to Clinic Transition

<table>
<thead>
<tr>
<th>Year</th>
<th>Inpatient</th>
<th>Outpatient</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>80</td>
<td>49</td>
</tr>
<tr>
<td>1995</td>
<td>59</td>
<td>37</td>
</tr>
<tr>
<td>2000</td>
<td>25</td>
<td>53</td>
</tr>
<tr>
<td>2005</td>
<td>20</td>
<td>58</td>
</tr>
<tr>
<td>2010</td>
<td>15</td>
<td>60</td>
</tr>
<tr>
<td>2015</td>
<td>15</td>
<td>60</td>
</tr>
</tbody>
</table>

USAF Medical Centers: Keesler, Nellis, Travis, Wright-Patterson
USAF Community Hospitals: Eglin, Elmendorf, Langley
USAF Hospitals (non-currency)*: Aviano, Lakenheath, Misawa, Mountain Home, Osan, Yokota

*Required for OCONUS mission support &/or geographic isolation of base
Health care providers, just like any other job in the Air Force, need to constantly refine and maintain their abilities so they are ready for use in future real-world conflicts.
Currency & Training

**Center for Sustainment of Trauma And Readiness Skills (C-STARS)**
- Travis AFB/UC Davis MC
- Nellis AFB/University MC

**APPROPRIATE TRAINING SITE**
- BALTIMORE: Trauma & Surgical Skills - Baltimore
- CINCINNATI: Advanced CCATT - Cincinnati
- ST LOUIS: Trauma Skills - St. Louis

**Air Force Medical Modeling & Simulation Training (AFMMAST)**
- Conducting Sim-Based Training Across the AFMS
- Distributed $7.3M in Sim Equip Across AFMS (FY12)
- Virtual Environment Tech as a Way of Enhancing Mannequin-Based Sim Trng

Keeping Medics Ready Through Civilian Partnerships & Programs
Prepare, Prevent, Heal, Deploy (P2HD)
### 6 MDG Population

<table>
<thead>
<tr>
<th>Patient Category</th>
<th>Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE DUTY (All branches)</td>
<td>7,122 (11%)</td>
</tr>
<tr>
<td>ACTIVE DUTY FAMILY MEMBERS</td>
<td>11,128 (18%)</td>
</tr>
<tr>
<td>RETIREES</td>
<td>7,715 (12%)</td>
</tr>
<tr>
<td>RETIREE FAMILY MEMBERS</td>
<td>11,729 (18%)</td>
</tr>
<tr>
<td>OVER 65/TRICARE PLUS</td>
<td>2,619 (4%)</td>
</tr>
<tr>
<td><strong>TOTAL ENROLLED (MacDill: ~22.2K; Brandon: ~ 18.1K)</strong></td>
<td><strong>40,313+</strong></td>
</tr>
<tr>
<td>Network</td>
<td>23,848 (37%)</td>
</tr>
<tr>
<td><strong>Total Enrolled + Network</strong></td>
<td>A/O September 2015</td>
</tr>
</tbody>
</table>
Florida Military Bases
AIR FORCE MEDICAL SERVICE
STRATEGY MAP 3.1

MISSION
“Ensure medically fit forces, provide expeditionary medics, and improve the health of all we serve to meet our Nation’s needs”

VISION
“Our supported population is the healthiest and highest performing segment of the U.S. by 2025”

STRATEGIC GOALS:

READINESS
A1) Enhance the En-Route Care System
A2) Putting Human Performance for Airmen into Practice

BETTER CARE
A3) Enhance Full Spectrum of Military Medical Operations
A4) Capitalize on Services to Improve Capture and Recapture
A5) Cultivate AFMH as a Cornerstone of Trusted Care
A6) Transform Access

BETTER HEALTH
A7) Partner with Patients
A8) Promote a Healthy and High Performing Population

ENDS
ALL WE SERVE

WAYS
ENTERPRISE MANAGEMENT
E1) Integrate Quality Communication
E2) Foster Partnerships
E3) Define Requirements and Utilize Emerging Knowledge, Research, and Technology
E4) Apply HSI to AFMS and LAF Capabilities and Systems
E5) Provide Safe and Reliable Care
E6) Empower Continuous Process Improvement and Innovation

RESOURCES

R1) Ensure Flexible and Responsive Resourcing Processes
R2) Ensure AFMS Audit Readiness
R3) Optimize Shared Service Benefits

PEOPLE
P1) Recruit Healthcare Professionals
P2) Optimize Force Development
P3) Retain the Right People
P4) Exploit Currency Opportunities
P5) Optimize Force Management

BEST VALUE

TRUSTED CARE, ANYWHERE
SMART concept introduces a tiered opportunity to maintain clinical currency

Currency can be maintained through integrating training opportunities
- Within the MTF through routine ops & sim-based training (Tier 1)
- Emphasizing use of Training Affiliation Agreements (TAA)/Memorandums of Understanding (MOU) with local partner hospitals & trauma centers (Tier 2)
- Developing Regional Currency Sites (RCSs) at AFMS specialty hospitals or have TAA/MOU with level I/II trauma center (Tier 3)
## Training Affiliation Agreements (TAA)

<table>
<thead>
<tr>
<th>Name of Institution</th>
<th>AFSC/Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concorde Career Institute</td>
<td>Train Dental Assistants</td>
</tr>
<tr>
<td>Lake Erie Osteopathic Medicine</td>
<td>Train one trainee enrolled in Dr of Osteopathy</td>
</tr>
<tr>
<td>Memorial Hospital - Ortho</td>
<td>Surgery Doc/ PT/PT Techs</td>
</tr>
<tr>
<td>NOVA Southeastern Univ</td>
<td>Train students in Primary Care Optometry</td>
</tr>
<tr>
<td>NOVA Southeastern Univ</td>
<td>Train PA Students</td>
</tr>
<tr>
<td>South University PTA</td>
<td>Provide clinical experience for Physical Therapy Assistants</td>
</tr>
<tr>
<td>Tampa Bay Surgery Center</td>
<td>Surgical Doctors caring for patients over 65yo</td>
</tr>
<tr>
<td>UAB School of Optometry</td>
<td>Train students in Primary Care Optometry</td>
</tr>
<tr>
<td>University of Southern CA</td>
<td>Provide clinical experience for Social Work students</td>
</tr>
<tr>
<td>University of S. Fl/Med</td>
<td>Provide clinical experience 1-2 students</td>
</tr>
<tr>
<td>USF Physician Assistant</td>
<td>Provide clinical experience for Physician Assistants</td>
</tr>
<tr>
<td>USF Physical Therapist</td>
<td>Provide clinical experience for PT assistants</td>
</tr>
<tr>
<td>USF Social Work</td>
<td>Provide clinical experience for Social Workers</td>
</tr>
<tr>
<td>VA Bay Pines - Rad Techs</td>
<td>Provide sustainment training for Radiology Techs</td>
</tr>
<tr>
<td>VA Bay Pines (Rad/Phase II)</td>
<td>Provide clinical experience to Phase II Students</td>
</tr>
<tr>
<td>Name of Institution</td>
<td>AFSC/Purpose</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>South University Nurse Practitioner</td>
<td>Provide Nurse Practitioner Students clinical experience</td>
</tr>
<tr>
<td>TGH</td>
<td>Surgical Doctors (NTP program)</td>
</tr>
<tr>
<td>VA Haley Nursing</td>
<td>Clinical experience to 1 Nurse/3 mo</td>
</tr>
<tr>
<td>VA Cardiopulmonary</td>
<td>Cardiopulmonary Technicians</td>
</tr>
<tr>
<td>Concorde Career Institute</td>
<td>Provide clinical experience for Pharmacy Techs</td>
</tr>
<tr>
<td>Everest University</td>
<td>Provide clinical experience for Pharmacy Techs</td>
</tr>
<tr>
<td>Florida A&amp;M Pharm D</td>
<td>Provide clinical experience for Pharm D Students</td>
</tr>
<tr>
<td>LECOM Pharmacy</td>
<td>Pharmacists</td>
</tr>
<tr>
<td>South University Pharmacy</td>
<td>Provide clinical experience for Pharmacy Tech students</td>
</tr>
<tr>
<td>University of FL - Pharm D</td>
<td>Provide clinical experience for Pharm D Students</td>
</tr>
<tr>
<td>USF Pharmacy</td>
<td>Pharmacists</td>
</tr>
<tr>
<td>VA Bay Pines Pharmacy</td>
<td>Pharmacists</td>
</tr>
<tr>
<td>VA Haley Pharm</td>
<td>Pharmacy clinical experience</td>
</tr>
</tbody>
</table>
## External Resource Sharing Agreements (ERSA)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memorial Hospital</td>
<td>Medical and Surgical Services</td>
</tr>
<tr>
<td>Tampa Bay Surgery Center</td>
<td>Ambulatory Surgical Services</td>
</tr>
<tr>
<td>Tampa General Hospital</td>
<td>Medical and Surgical Services</td>
</tr>
<tr>
<td>South Florida Baptist Hospital</td>
<td>Orthopedic Surgery Services</td>
</tr>
<tr>
<td>Institution</td>
<td>Purpose</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Memorial Hospital – Ortho South Florida Baptist</td>
<td>Surgeons and technician support for pts over 65yo</td>
</tr>
<tr>
<td>Tampa Bay Surgery Center</td>
<td>Surgeons- to include ophthalmology and technician support for pts over 65yo</td>
</tr>
<tr>
<td>Tampa General Hospital</td>
<td>Train AF DI Techs at TGH</td>
</tr>
<tr>
<td>Tampa General General Surgery</td>
<td>Surgeon support for pts over 65yo</td>
</tr>
<tr>
<td>VA Bay Pines - Rad Techs</td>
<td>Provide sustainment trng for radiology technicians</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>Inpatient rotations for IM providers to meet RSV requirements</td>
</tr>
<tr>
<td>VA Haley Nursing</td>
<td>Sustainment training for RNs</td>
</tr>
<tr>
<td>VA Bay Pines Pharmacy</td>
<td>Pharmacy inpatient sustainment training</td>
</tr>
<tr>
<td>VA Haley Pharmacy</td>
<td>Pharmacy inpatient sustainment training</td>
</tr>
</tbody>
</table>
Additional Partnership Opportunities

**Brandon Regional Hospital**
- 438-bed acute care facility; access to these Centers of Excellence: Chest Pain Center Heart & Vascular Institute Spine Care Center Advanced Primary Stroke Center Cancer Care Women's & Children's Center

**Tampa General Hospital**
- 1,011 beds, level I trauma center and one of four burn centers in Florida. Medical helicopters, solid organ transplant center, comprehensive stroke center, and has a 32-bed Neuroscience Intensive Care Unit. Other services include: cardiovascular, orthopedics, high risk and normal obstetrics, urology, ENT, endocrinology, and the Children’s Medical Center, (features a nine-bed pediatric intensive care unit), pediatric kidney transplant services and pediatric dialysis unit.

**St Josephs**
- 470-beds, more than 70 specialties are represented among the medical staff, from internal medicine to cardiology, neurology to surgery. Centers of Excellence include: Advanced Center for Atrial Fibrillation Heart Institute Cancer Institute Stroke & Neuroscience Program Robotic Surgery Program Emergency Departments

Prepare, Prevent, Heal, Deploy (P2HD)
**AFMS Objective:** Outline a step-wise tiered approach to risk mitigation within AFMS low-volume hospitals

**Background:**
- The decline of the patient population served by military treatment facilities is a multifactorial challenge, which increases the risk for patient safety events and issues with quality of care.
- The primary concern is a lack of a patient population as the continual treatment of a steady stream of patients is key to maintaining provider currency and competency.
- Select OCONUS and CONUS military treatment facilities (MTF) are low-volume institutions with challenges in various specialties to maintain clinical currency.

**The SHCSE program:**
- Designed to mitigate patient safety risks, while promoting clinical currency in AFMS small hospitals.
- AFMS small hospitals include those medical facilities located at Mountain Home AFB, Misawa AB, Yokota AB, Osan AB, and Aviano AB.
## Training Platform

### Current SMART Program Platforms:
- 44E – Emergency Services Physician
- 45S – General Surgery Physician
- 46N – Medical Surgical Nurse
- 46NXE – Intensive Care Nurse
- 46NXJ – Emergency Services Nurse
- 46S – Operating Room Nurse
- 4H – Cardiopulmonary Technician
- 4N0 – Aerospace Medical Services Tech
- 4N1 – Surgical Services Tech

### Identified (SHCSE) Platforms:
- 45G – OB/GYN Physician
- 45B – Orthopedic Surgeon
- 45A – Anesthesiologist
- 45N – Ear Nose & Throat Physician
- 46M – Certified Registered Nurse Anesthetist (CRNA)
- 46NXG – Obstetrical Nurse
State licensure and credentialing requirements are significant challenges for many specialties. Some relief is available in Federal law. IAW 10 USC 1094 (d) – (as amended by Public Law 105-85, Sec 737)

“(1) Notwithstanding any law regarding the licensure of health care providers, a health-care professional described in paragraph (2) may practice the health profession or professions of the health-care professional in any State, the District of Columbia, or a Commonwealth, territory, or possession of the United States, regardless of whether the practice occurs in a health care facility of the Department of Defense, a civilian facility affiliated with the Department of Defense, or any other location authorized by the Secretary of Defense.

2) A health-care professional referred to in paragraph (1) is a member of the armed forces who:
(A) Has a current license to practice medicine, osteopathic medicine, dentistry, or another health profession; and
(B) Is performing authorized duties for the Department of Defense
Credentials

Military and Veterans Hospitals/Clinics require only one active, unrestricted state license to practice in every VA facility across all 50 States, the District of Columbia, and U.S. Territories (and overseas for active duty).

Locum Tenens professionals go through the credentialing process just once; each new assignment thereafter, credentials are accepted, and the privileging process is streamlined.
Prepare, Prevent, Heal, Deploy (P2HD)

Florida Licensure Requirements & DoD Limitations

Section 456.013(1)(a), Florida Statutes, and Chapter 64B8-4.016, Florida Administrative Code, provides that a licensure application and application fee are valid for one year. Application fees are non-refundable.

To practice medicine in the state of Florida, you must have a Florida medical license.

The licensing process involves the collection of credentials from the applicant and from other sources.

The process takes between two to six months from application to licensure.

Total Taxpayer per Provider Cost: $929.00

~50 Providers per year

Application fee: $500.00 Initial license fee: $429.00

Florida Statute: 458.313 Licensure by Endorsement

http://flboardofmedicine.gov/licensing/medical-doctor-unrestricted

(UNCLASSIFIED)
Florida now offers the VALOR System: Veterans Application for Licensure Online Response System.

This exciting new system provides an expedited licensing avenue for honorably discharged veterans with an active license in another state, with most licensing fees waived.

It also provides an expedited temporary certificate to practice in an area of critical need.

The Florida VALOR System is offered in addition to two existing licensing options to assist active duty members and veterans of the Armed Forces, and their spouses. The first option provides exemptions from license renewal requirements while serving on active duty; the second provides temporary license privileges for spouses of active duty members of the Armed Forces.
Challenges

Current Florida Statues
Currently requires visiting physicians/nurses to have a Florida License to practice except in very few instances

Credentials Process
Can take up to 60-120 days

Difficult to articulate unlicensed paraprofessional (enlisted technician) scope of practice

• Some AFSCs have a civilian equivalent scope of practice i.e. 4H – Cardiopulmonary Techs are comparable to a Respiratory Therapist
• In this case the Florida Board of Respiratory Care requires the applicant hold a certification or the equivalent
Concerns

Cadre size currently at Nellis
Difficult to fill the UMD authorizations

Cadre assigned to Nellis are not T-coded
• T-coding allows for stability in the assignment, fixed number of years
• Currently when member deploys, AFMS tasked to backfill
• Backfills are difficult

Support to Program
This program takes a lot of effort, community relationship building and financial/human resources to stand up and sustain.
Prepare, Prevent, Heal, Deploy (P2HD)
“There will always be a need for a military health care system; we will always need platforms to train our people.”

Dr. Jonathan Woodson, Assistant Secretary of Defense for Health Affairs