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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
-



Four Unique Lines of Effort



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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



TC CET, MERT, ECCN



TC CET, MERT, ECCN

TC CET, ECCN

Damage Control Resuscitation & Critical Care Capability Gaps



POI
TCCC, Combat
Medic



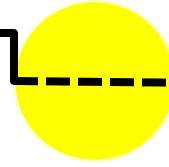
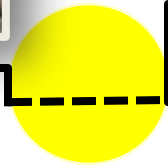
Forward Surgical
Teams
Forward
Resuscitative



CSH, EMEDS, EMF
Theater Hospitals



Definitive
Care
CONUS Medical
Center

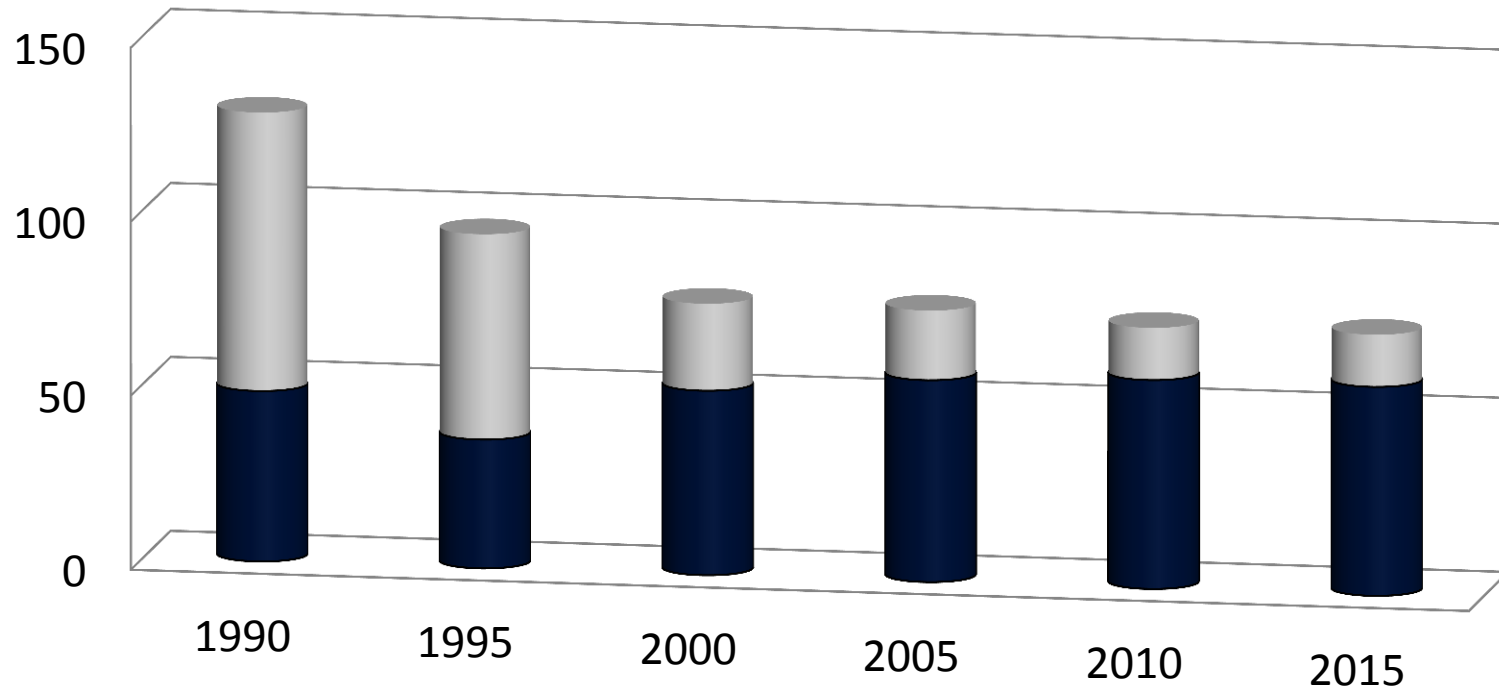


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AFMS Hospital to Clinic Transition



	1990	1995	2000	2005	2010	2015
■ Inpatient	80	59	25	20	15	15
■ Outpatient	49	37	53	58	60	60

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*



Currency & Training



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



BALTIMORE



CINCINNATI



ST LOUIS

**Center for Sustainment of Trauma
And Readiness Skills (C-STARS)**

Trauma & Surgical Skills - Baltimore

Advanced CCATT - Cincinnati

Trauma Skills - St. Louis



TRAVIS AFB

C-STARS Expansion

Travis AFB/UC Davis MC

Nellis AFB/University MC



**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



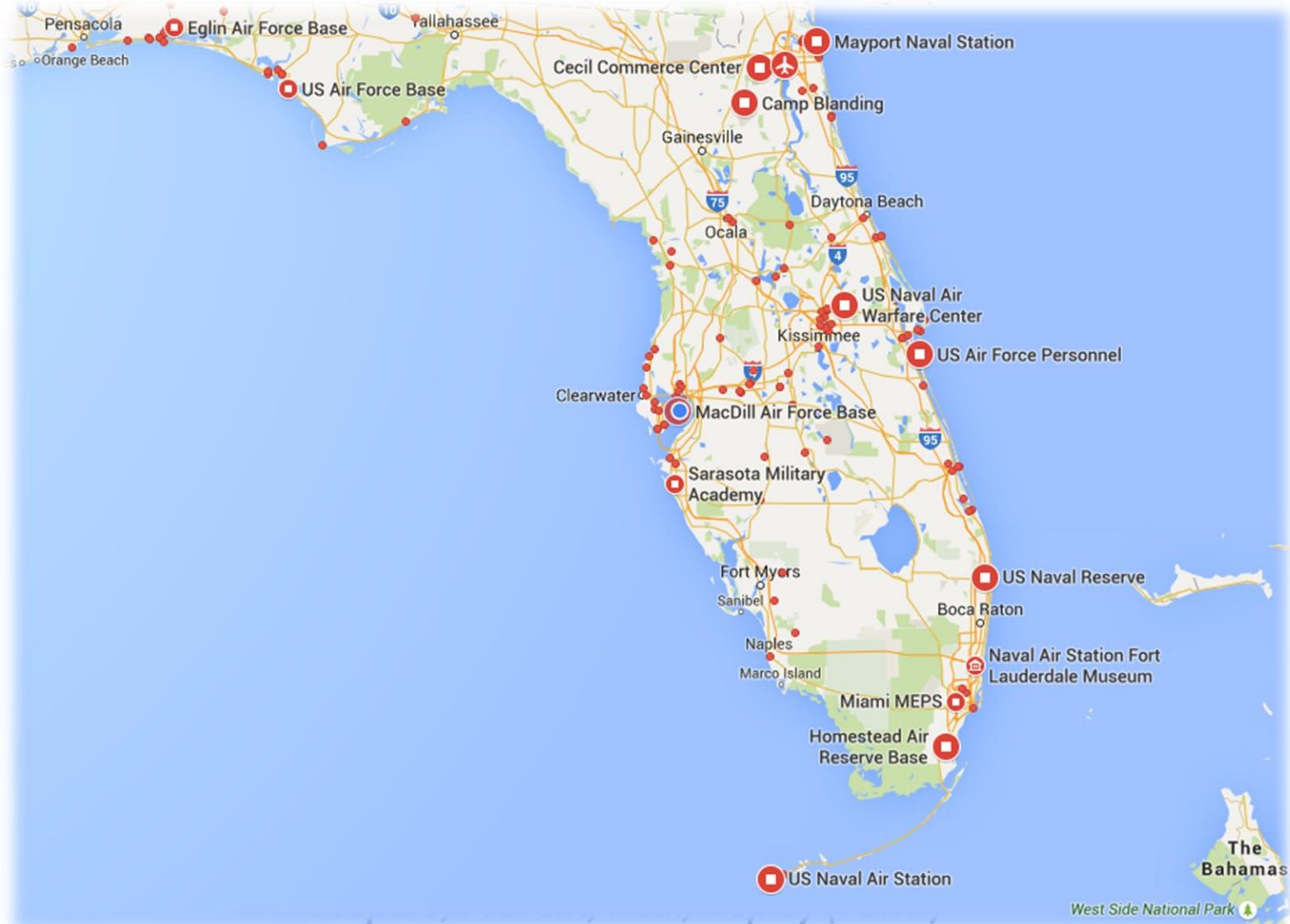
Patient Category	Enrolled
ACTIVE DUTY (All branches)	7,122 (11%)
ACTIVE DUTY FAMILY MEMBERS	11,128 (18%)
RETIREEES	7,715 (12%)
RETIREE FAMILY MEMBERS	11,729 (18%)
OVER 65/TRICARE PLUS	2,619 (4%)
<u>TOTAL ENROLLED (MacDill: ~22.2K; Brandon: ~ 18.1K)</u>	<u>40,313+</u>
Network	23,848 (37%)
Total Enrolled + Network A/O September 2015	64,161



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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"



BEST VALUE

TRUSTED CARE, ANYWHERE



SMART

SUSTAINED MEDICAL AND READINESS TRAINED!



WRIGHT-PATTERSON AIR FORCE BASE, OHIO

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*)



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Training Affiliation Agreements (TAA)

Name of Institution	AFSC/Purpose
Concorde Career Institute	Train Dental Assistants
Lake Erie Osteopathic Medicine	Train one trainee enrolled in Dr of Osteopathy
Memorial Hospital - Ortho	Surgery Doc/ PT/PT Techs
NOVA Southeastern Univ	Train students in Primary Care Optometry
NOVA Southeastern Univ	Train PA Students
South University PTA	Provide clinical experience for Physical Therapy Assistants
Tampa Bay Surgery Center	Surgical Doctors caring for patients over 65yo
UAB School of Optometry	Train students in Primary Care Optometry
University of Southern CA	Provide clinical experience for Social Work students
University of S. Fl/Med	Provide clinical experience 1-2 students
USF Physician Assistant	Provide clinical experience for Physician Assistants
USF Physical Therapist	Provide clinical experience for PT assistants
USF Social Work	Provide clinical experience for Social Workers
VA Bay Pines - Rad Techs	Provide sustainment training for Radiology Techs
VA Bay Pines (Rad/Phase II)	Provide clinical experience to Phase II Students



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TAA (cont)



Name of Institution	AFSC/Purpose
South University Nurse Practitioner	Provide Nurse Practitioner Students clinical experience
TGH	Surgical Doctors (NTP program)
VA Haley Nursing	Clinical experience to 1 Nurse/3 mo
VA Cardiopulmonary	Cardiopulmonary Technicians
Concorde Career Institute	Provide clinical experience for Pharmacy Techs
Everest University	Provide clinical experience for Pharmacy Techs
Florida A&M Pharm D	Provide clinical experience for Pharm D Students
LECOM Pharmacy	Pharmacists
South University Pharmacy	Provide clinical experience for Pharmacy Tech students
University of FL - Pharm D	Provide clinical experience for Pharm D Students
USF Pharmacy	Pharmacists
VA Bay Pines Pharmacy	Pharmacists
VA Haley Pharm	Pharmacy clinical experience



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External Resource Sharing Agreements

External Resource Sharing Agreements (ERSA)	
Institution	Purpose
Memorial Hospital	Medical and Surgical Services
Tampa Bay Surgery Center	Ambulatory Surgical Services
Tampa General Hospital	Medical and Surgical Services
South Florida Baptist Hospital	Orthopedic Surgery Services



Current Tier 2 TAA/ERSA Currency Database

Institution	Purpose
Memorial Hospital – Ortho South Florida Baptist	Surgeons and technician support for pts over 65yo
Tampa Bay Surgery Center	Surgeons- to include ophthalmology and technician support for pts over 65yo
Tampa General Hospital	Train AF DI Techs at TGH
Tampa General General Surgery	Surgeon support for pts over 65yo
VA Bay Pines - Rad Techs	Provide sustainment trng for radiology technicians
Internal Medicine	Inpatient rotations for IM providers to meet RSV requirements
VA Haley Nursing	Sustainment training for RNs
VA Bay Pines Pharmacy	Pharmacy inpatient sustainment training
VA Haley Pharmacy	Pharmacy inpatient sustainment training



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



Small Hospital Clinical Skills Enhancement Program (SHCSE)



AFMS Objective: Outline a step-wise tiered approach to risk mitigation w/in AFMS low-volume hospitals

Background:

- The decline of the patient population served by military treatment facilities is a multi-factorial 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



DoD/VA Licensing



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

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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.

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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>

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Florida Licensure Limitations VALOR System



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.

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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.



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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