

Dr. Ronald Mack, Chief Pediatrics



2015 Defense Health Information Technology Symposium

PEDIATRIC TELE-BEHAVIORAL HEALTH



“Medically Ready Force...Ready Medical Force”

“A joint, integrated, premier system of health, supporting those who serve in the defense of our country.”



“Medically Ready Force...Ready Medical Force”

Learning Objectives



- Define the scope and application of pediatric tele-behavioral health services
- Discuss allocation of productivity
- Discuss DOD-approved technology for use in tele-behavioral health services

Agenda

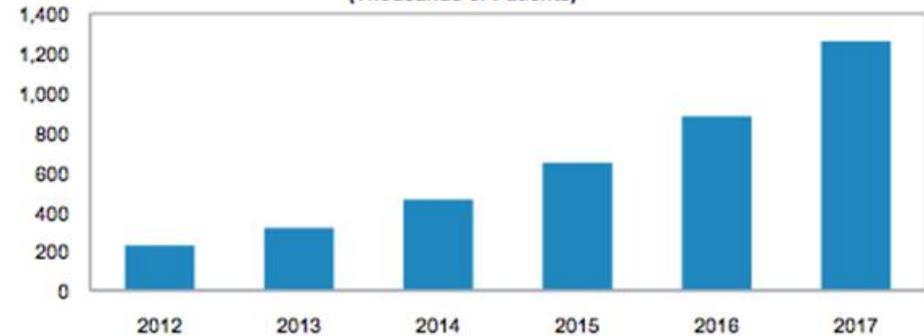


- Introduction to Tele-Health
- Tidewater Enhanced Multi-Service Market (eMSM)
Overview
- Implementation of Tele-Health for Pediatric Behavioral Health
- Lessons Learned and “The Way Ahead”

Tele-Health

- Benefits:
 - ❑ Reduces costs and increases access to care
 - ❑ Improved continuity of care
 - ❑ Reduction in travel costs/lost work time
- Over 10 approved services for billing by CMS
 - ❑ To include: Individual psychotherapy, neurobehavioral status examination, and initial and follow-up inpatient tele-health consultation
- Over 10 facility/site types approved to provide tele-health
- To include: Federal qualified health centers and community mental health centers

Forecast of Patients Using Telehealth in the United States
(Thousands of Patients)



Source: IHS InMedica February 2013

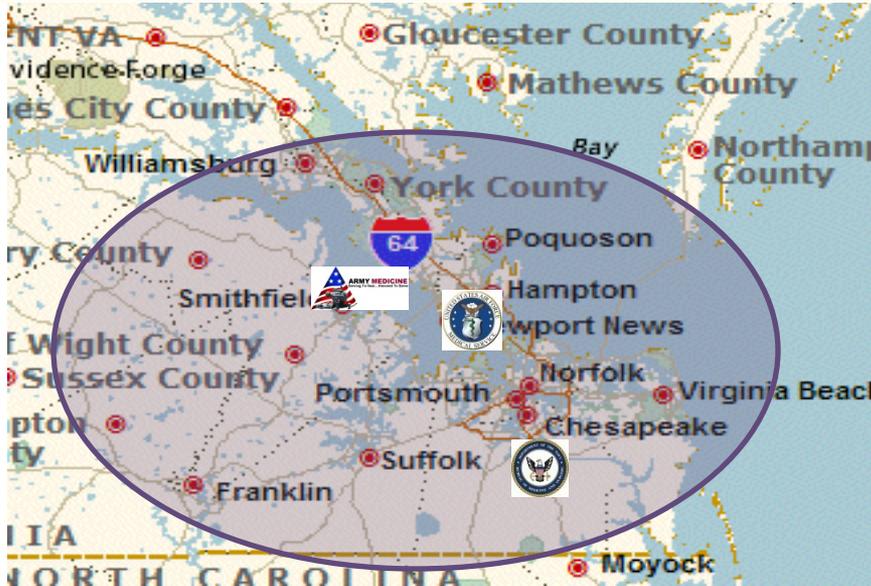
Majerowicz, Anita; Tracy, Susan. "Telemedicine: Bridging Gaps in Healthcare Delivery." *Journal of AHIMA* 81, no.5 (May 2010): 52-53, 56

Army Tele-Health



- Spans 19 time zones, over 30 countries and territories, and in all current operational environments
- Over 2,000 portable VTC systems in operation
- Over 33,000 provider-to-patient encounters and provider-to-provider consultations
- Tele-behavioral health accounts for over 85% of Army tele-health encounters

Tidewater Enhanced Multi-Service Market (eMSM)



Naval Medical Center Portsmouth, 2015

- **Over 400,000 beneficiaries treated by a Tri-service medical system**
- **Mission:** To improve the health of our military beneficiaries and the community by setting the standard of excellence through the integration of healthcare services in order to provide a seamless continuum of care
- **Vision:** As an integrated healthcare delivery system, we will provide a diverse environment that improves health and fosters innovative knowledge and research through the optimization of the Multi-Service Market and reduction of purchased care costs

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Fort Eustis / Naval Medical Center Portsmouth (NMCP) Tele-Behavioral Health



1. Child and adolescent behavioral health mission

2. Loss an enhanced Multi Service Market provider due to operational requirements



Creation of a Joint Service tele-behavioral health initiative

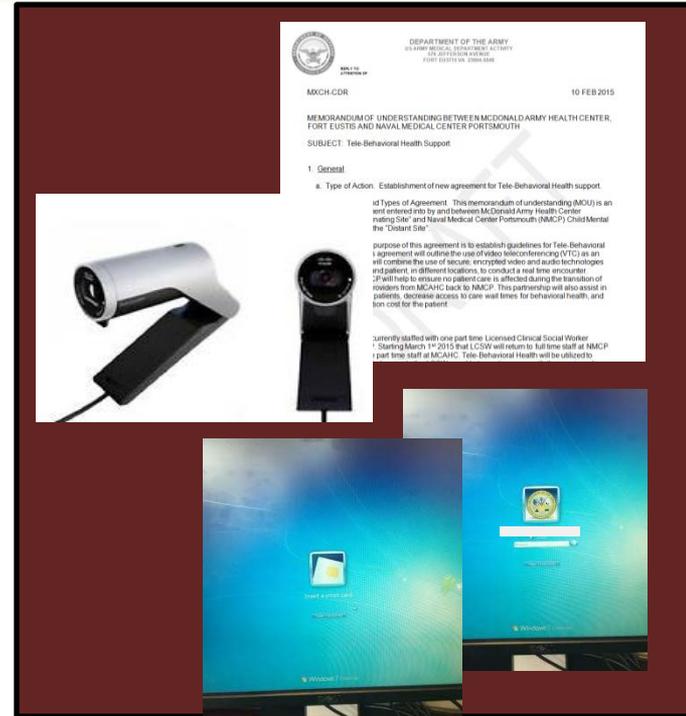
3. Focus on continuity of care and access to care with tele-behavioral health

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Fort Eustis / Naval Medical Center Portsmouth (NMCP) Tele-Behavioral Health



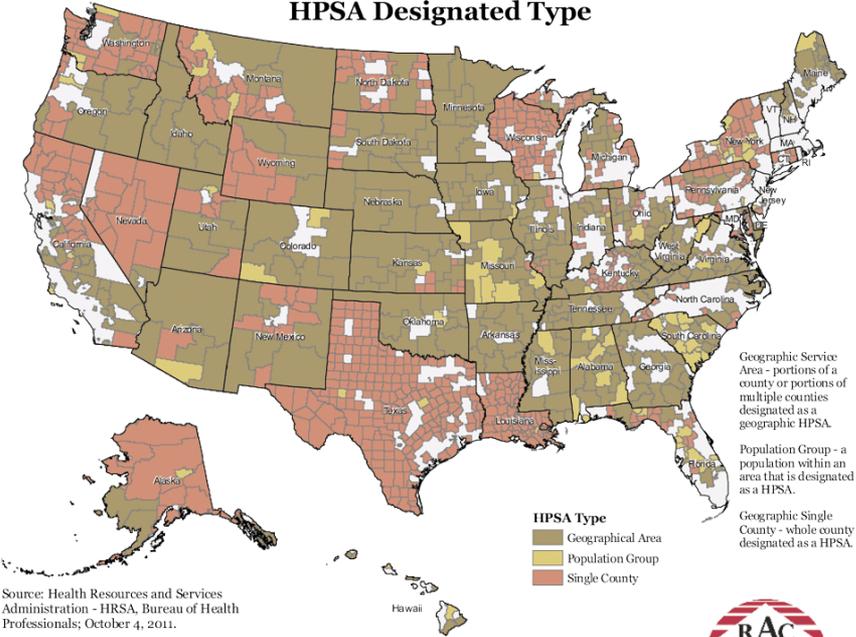
- Determined appropriate pediatric patients
- Developed a Memorandum of Agreement between the Army Facility (Originating site) and the Navy Facility (Distant Site)
 - Productivity, Scheduling, HIPAA Compliance, Emergency Contacts, SOPs
- Coordinated with the OTSG and BUMED to identify approved devices and software for tele-behavioral health
- Establish most efficient way to establish a patient/provider connection
 - Using computers as both kiosk and CAC-enabled



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Lessons Learned and “The Way Ahead”

Health Professional Shortage Areas (HPSA) - Mental Health HPSA Designated Type



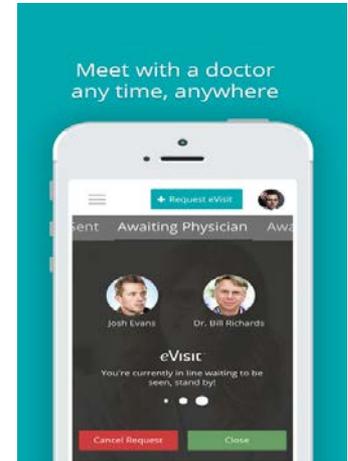
HPSA Type

- Geographical Area
- Population Group
- Single County

Geographic Service Area - portions of a county or portions of multiple counties designated as a geographic HPSA.

Population Group - a population within an area that is designated as a HPSA.

Geographic Single County - whole county designated as a HPSA.



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Evaluations



- Please complete your evaluations

Contact Information



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Questions?



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TELE-DERMATOLOGY



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Learning Objectives



- Define the scope of tele-dermatology services
- Discuss allocation of productivity
- Discuss the training of Primary Care staff and Dermatology staff for use in tele-dermatology services

Agenda



- Introduction to Tele-dermatology
- Benefits of Tele-dermatology
- Tele-dermatology Workflow
- “The Way Ahead”

Introduction to Tele-Dermatology



- What is Tele-Dermatology? As defined by American Academy of Dermatology, tele-dermatology is the remote delivery of dermatologic services and clinical information using telecommunications technology

Benefits of Tele-Dermatology



- Access to Care within PCMH & to Dermatology Clinic
- Quicker Turnaround for diagnosis and management of the patient's skin condition
- Cost-effective- patients can receive care faster without repetitive outpatient doctor visits; inpatients lead to quicker discharges
- Continuity of patient centered care

Tele-Dermatology Workflow



- Patient presents to Primary Care Manager/Dermatology Clinic with dermatology concern
- Clinic Nurse obtains picture/s of patient's affected area/s
- Primary Care Provider/Dermatology Nurse sends picture to Dermatologist
- Dermatologist reviews picture and responds to Primary Care Provider/Dermatology Nurse with patient treatment plan

Tele-Dermatology Workflow



- Primary Care Provider/Dermatology Nurse educates patient regarding treatment plan per Dermatologist
- Primary Care Provider/Dermatology Nurse consults Dermatologist regarding new questions and updates
- Dermatologist sees patients as deemed necessary

“The Way Ahead”



- Dermatologist can see 3-5 tele-dermatology appointments per one patient visit appointment slot, thus providing increase in access to care and relative value units preventing network leakage
- Open access to care to all active duty military and beneficiaries

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“The Way Ahead”



- Introduce Enhanced Access Dermatology to the Primary Care Medical Home providers and support staff
 - Specific attributes to the Dermatology Clinic include opening up access to care to include other Military Treatment Facilities, increasing clinic Relative Value Units and procedures completed by the Dermatology Providers.
 - Direct objective to the facility is to provide an opportunity to offer a service not available at the other Military Treatment Facilities within our area
- Adjust Dermatologist template to allow time to answer the tele-dermatology consults

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Evaluations



- Please complete your evaluations

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