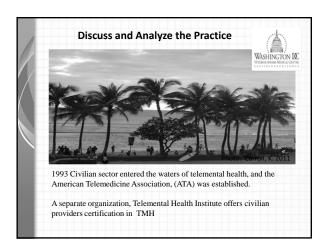
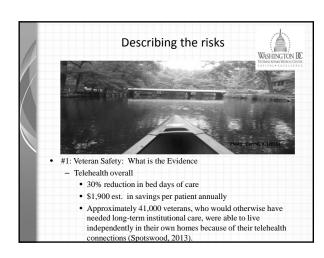


Discuss and Analyze the Practice When did this treatment modality rise? • 1959 – Initially via University of Nebraska, which subsequently connected to VA's at Omaha, Lincoln, and Grand Island • 1968, the VA in Bedford, MA beganTelemental Health (TMH) to increase access to care for Veterans with providers from the Massachusetts General Hospital. • 1990s Larger scale operations began when the computer age flourished. • 1997, the Veteran Health Administration (VHA) implemented start—up funding for Telemental Health (TMH) services nationally. • Fiscal year 2011, Veteran Health Administration (VHA) established the National Telemental Health Center (NTMHC) at VA Connecticut Healthcare System, West Haven.





Describing the risks What is the Evidence



 2003 Aoki, Dunn, Throop,& Turley's systematic lit review concluded telehealth accuracy, satisfaction, and positive technological evaluations

- Telemental Health Equivalent to Face to Face Visits
 - Hilty, Ferrer, Parish, Hohnston, Callahan, and Yellowlees (2013) Systematic Lit review
 - Godleski, et al. (2008) Literature Review; Godleski, et al (2012) Outcomes Report
 - O'Reilly, Bishop, Maddox, Hutchingson, Fisman, and Takhar (2007) RCT
 - Fortney, et al. (2013) Contracting with an off-site Telemedicine Based Collaborative Care team yields better outcomes than implementing Practice Based Collaborative Care with locally available staff.

Describing the risks How do we mitigate the risks to assure calm waters?

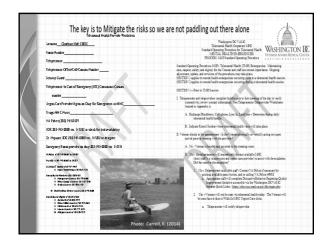
Describing the risks



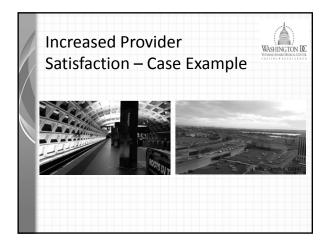
- How do we mitigate the risks? Have local Emergency contact information (CBOC, PSP, CBOC Security local ER, local ambulance, local, police and fire)
 - Have easy access to ALL of this information before session begins.
 Create contingency plans

 - Informed consent include unique emergency management protocol mutually agreed to
 - Consult with State laws regarding Police holds, involuntary commitment
 - Be familiar with local resources
- Avoid Embarrassment: Know when you are "Live" on camera
- Home Based Unsupervised Clinical Settings
 - Thorough Patient evaluation
 - Before beginning each session, verify that the Patient Support Person (PSP) is accessible during the session (PSP does not have to be in same physical location as patient during the session).
 - Have PSP info readily available as well as local emergency personnel

Provider Risk - Forward Head Posture



Pescribing the benefits Increased access to care VA 650,000 visits 2003-2013, 2012 80,000 Veterans served via telemental health. Increased workload credit/revenue — Transition unpaid calls to paid telehealth visits Increase flexibility in lifestyle for the Veteran and the Provider Hilty, Ferrer, Parish, Johnston, Callahan, Yellowlees — Telemental health is effective for Dx and Assessment across many populations, many disorders, many settings.



PROVIDER TOP TEN



BENEFITS OF TELEMENTAL HEALTH 10. EBOLA

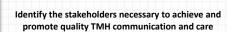
- 9. WARDROBE
- 8. PROVIDER SAFETY
- 7. LIFESTYLE FLEXIBILITY
- 6. COMMUTE REDUCTION
- 5. INCREASED EXERCISE
- 4. DOCUMENT WHILE YOU VISIT INCREASING ACCURACY
- 3. INTENTIONAL PROFESSIONAL **COLLABORATION**
- 2. INCREASED TECHNOLOGICAL PROWESS
- 1. INCREASED SATISFACTION KNOWING YOU ARE INCREASING ACCESS TO CARE





Determine Barriers to Negotiate in order to move this care modality forward.

- Licensure
- Be a Champion of TMH
- Planning and commitment of the organization:
 - Civilian vs Federal





- The Veteran
- Mental Health Clinical Service Chief according to Mental Health Strategic plan
- Providers
- Facility Telehealth Coordinator
- Taxpayers the ability to provide VA TMH care in areas where NonVA Fee Basis is currently utilized may reduce costs



Consider the evaluation methods that may assess this innovative treatment delivery modality.



CLINICAL

- Clinical Process Outcomes
 - · Perception of treatment
 - Satisfaction
 - Veteran satisfaction
 - Provider satisfaction
 - Veteran/Provider/Group alliance
 - Treatment adherence, attrition
 - Treatment credibility among professionals

Consider the evaluation methods that may assess this innovative treatment delivery modality.



CLINICAL

Clinical Outcome Measures

- Clinical Symptom Severity
- · Social functioning
- Clinical quality indicator achievement accomplished via telehealth visit (e.g. patient education)
- · Veteran/provider alliance
- treatment adherence, attrition
- treatment credibility among professionals
- · Access to Care

Consider the Evaluation Methods That May **Assess This Treatment Modality**



Cost and Technical Outcomes

Cost Process Measures

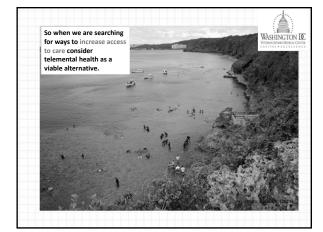
- · Number of no shows
- Number visits per FTE or per unit of time
- Financial sustainability/cost effectiveness outcomes

Cost Outcome Measures

- Travel cost avoided
- Travel time avoided
- Number of unique patients with telehealth stop code vs. total patients for Mental Health Service
- Number of telehealth encounters (Clinical Video, Store and Forward and Care Coordination) vs. total for visits for the Mental Health Service Line

Technical Outcomes

- Percentage/Ratio of incomplete visits due to technical issues
- Access to care



Summary



- · Discussed and analyzed the practice of an innovative method for providing mental health care, describing the history, challenges, risks, benefits, and barriers of this novel treatment setting.
- Differentiated between the provision of TMH in a civilian versus federal agency. Identified the stakeholders necessary to achieve and promote quality TMH communication and care.
- Listed logistical components necessary for successfully delivering TMH from a remote location. Chose the tools that promote effective evaluation of this innovative treatment delivery modality.



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Videoconferencing	_	
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