Northwest Regional Telehealth Resource Center
and the Telehealth Alliance of Oregon

Welcome You

Bronze Sponsors:

Exhibitors:

Non-profit:

Pacific Northwest University of Health Sciences
University of Utah Health Clinical Neuroscience
• Audio and video are muted for all participants
• Use the Q&A feature to ask questions
• Moderator will read questions to the speaker
• Presentation slides are posted at https://nrtrc.org/sessions. Recordings will be posted after the conference.
• Moderator: Doris Barta

• Presenters:
  – Doris Barta, Director, National Telehealth Technology Assessment Resource Center (TTAC)
  – Jordan Berg, Technology Assessment Specialist, National Telehealth Technology Assessment Resource Center (TTAC)
Telemedicine Technology: A Virtual Showcase

Presented at the NRTRC Virtual Conference on April 15, 2020

Doris Barta, MHA
Program Director
Telehealth Technology Assessment Center
dtbarta@anthc.org

Jordan Berg
Technology Assessment Specialist
Telehealth Technology Assessment Center
jjberg@anthc.org
Who is TTAC?

- TTAC is federally funded through the Office for the Advancement of Telehealth (OAT)
- TTAC provides Technology Assessment services to the 12 regional TRCs as well as the other national TRC.
- Between the three TTAC staff, there is over 50 years of experience in Telehealth
Provide FREE RESOURCES for Telehealth program development and sustainability
Technology Showcases

• Provided at Regional Conferences
• Allows attendees to experience and compare medical peripherals
• Vendor Neutral
Overview

- Telemedicine Platforms
- Video Conferencing Hardware
  - USB AV Solutions
- Exam Cameras
- Stethoscopes
- mHealth
- Augmented Reality
- Final Thoughts
- Questions
Key Features:
• Web-Based
• Direct to Patient in Home
• Mobile Platforms

Key Concerns:
• Deploy-ability
• Scalability
• Reliability
• Security/Privacy
• Ease of Use
Video Conferencing Hardware -
Cameras and Audio

• “Plug and Play” USB devices

• Integrated Audio and Video
Video Conferencing Hardware: Cameras and Audio

Live Demonstration:
1. Logitech Meetup
2. Poly Studio
3. Meeting Owl
Video Conferencing Hardware - Cameras Comparison

Meetup

Studio

Owl
Exam Cameras

- “Plug and Play”/USB
- Multi-Exam
- Capture and/or stream
- Variable Device Costs
Exam Cameras:
Firefly DE605 Features

Live Demonstration:
Layout and Features of the DE605
Exam Cameras: Horus 3 Features

Live Demonstration:
Layout and Features of the Horus 3
Exam Cameras:
Horus 3 Video Demo

Horus 3
36"
Exam Cameras:
Total Exam 3 Video Demo

Live Demonstration:
Layout and Features of the Total Exam 3
Stethoscopes

- Bluetooth Vs. Wired
- Mobile Based
- Various streaming software options at varying price points
- ECG
Stethoscopes- Features

Live Demonstration

Overview of the:
1. Littmann 3200
2. JedMed Omnisteth
3. Eko Duo
mHealth

• Basic Components
  – Smart Device
  – Software “app” for device
  – Peripheral medical devices
  – Centralized server for storing and sharing data
mHealth- Features

Overview of the:
1. DermLite
2. ButterFly IQ
3. Tytocare
mHealth:
Butterfly IQ Video Demo
Augmented Reality

- Add digital information to the physical world
- View virtual objects in 3 dimensions
Augmented Reality: Microsoft Hololens User View
Final Thoughts

- Technology should always support the Use Case
- Hands-on is vital
- Obtain Support:
  - Clinical
  - Administrative
  - Technical/IT
Covid-19

• Using what the patient has
• Security and Privacy
• Plan past the Crisis
• Connectivity/Broadband
Thank You

Contact Us:
www.telehealthtechnology.org
1-844-242-0075