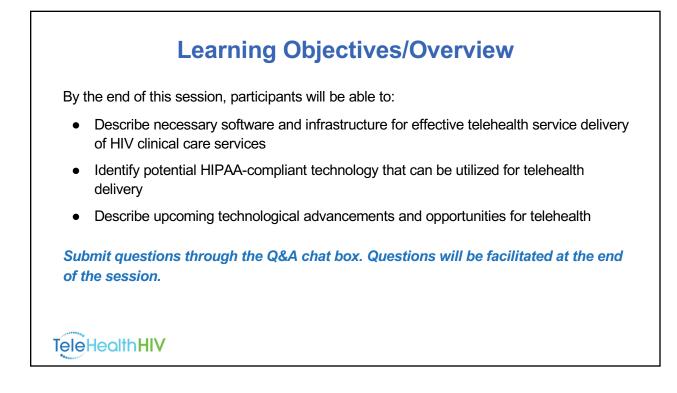


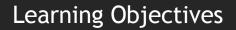
Breakout Session: Technology for Telehealth

January 21, 2021 at 3PM ET/12PM PT



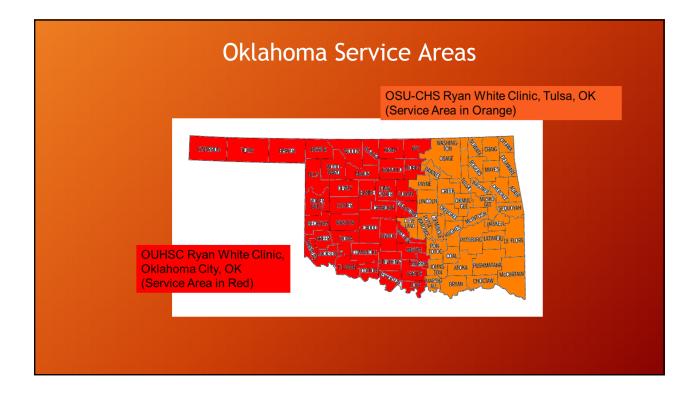






- • Describe necessary software and infrastructure for effective telehealth service delivery.
- Identify potential HIPAA-compliant technology that can be utilized for telehealth delivery.
- • Describe upcoming technological advancements and opportunities for telehealth.







Patient Case

- 55M, HIV-positive in Poteau,OK
- Barrier transportation
- Treated with Reyataz/Norvir/ Descovy
- CD4=300, VL<20 (scanned)
- Cough Azithromycin and Flonase prescribed yesterday
- Rash "itchy spot" on right leg

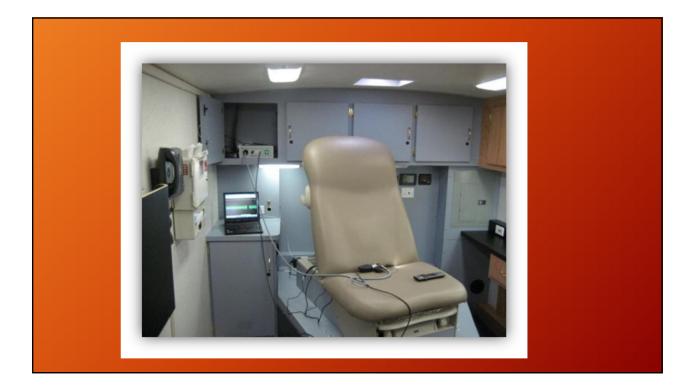
- Telemed appt
- Labs & appt in Poteau
- Rx refills e-scribed
- Meds/labs reviewed with pt
- Interaction between Flonase
 and Norvir discussed
- Stethoscope lungs clear
- Dermascope used to diagnose and treat tinea corporis

Barriers to HIV Care

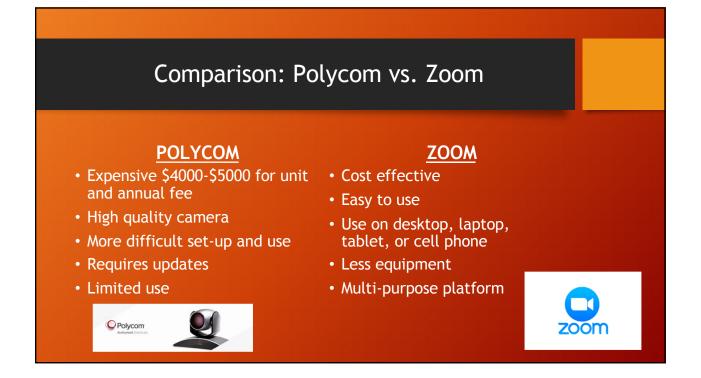
- Mental Health
- Substance abuse
- Nutrition
- Transportation
- Housing













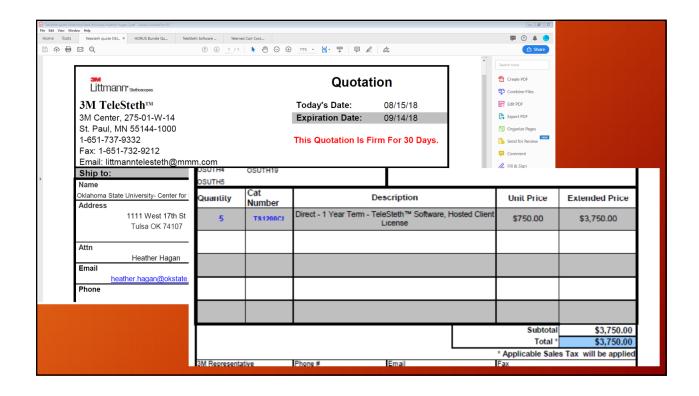


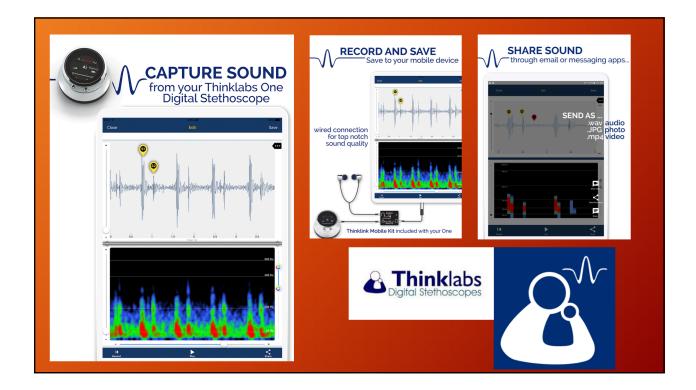


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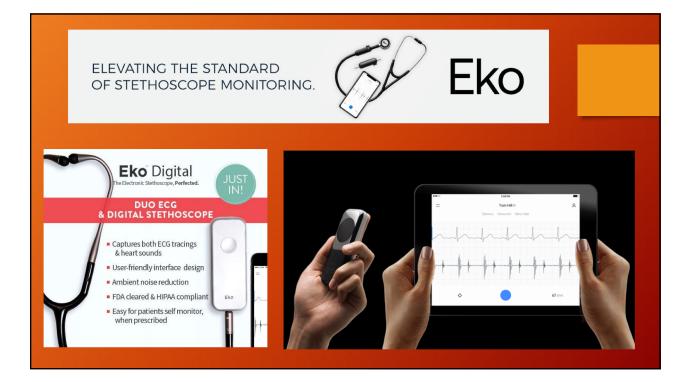


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Thinklabs One - Digital Stethoscope with ThinklLink pkg. Serial #93301076	1.00	499.00	Tax on Sales	499.00	
Audio-Technica USB Audio Adapter	1.00	20.00	Tax on Sales	20.00	
FedEx or UPS Ground Shipping / Signature required.	1.00	15.00	Tax on Sales	15.00	
Demo unit / Postponed Payment	1.00	0.00		0.00	
Please return the units to Thinklabs after the 30 day demo period. You may contact us if extra time is required for evaluation. All accessories and boxes need to be returned with the stethoscope to avoid any re-stocking charges.					



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Challenges

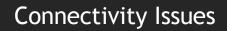
- Weather or mechanical issues for bus, maintenance and fuel costs
- Wifi and stethoscope connectivity
- Software updates
- Inexperienced staff on telemedicine equipment
- · Cancelled appointments or "no shows"
- Secure site location of bus & Storage of bus when not in use
- Referrals in rural areas
- Time spent driving to and from location
- Inefficient use of time of bus driver/IT and nurse

Overcome Challenges

- Reschedule due to weather or mechanical issues for telemed bus
- Wifi hotspot or direct cable connection to local network
- Use of cell phones if Wifi connectivity issues
- Anticipation of software updates
- Use of earbuds instead of stethoscope improved sound/connection
- Education of staff on telemedicine equipment
- Secure and discrete location of bus and test signal strength
- Contract with hospital for use of building space for telemedicine







- Test area for signal strength. Weather, trees, and buildings all effect signal strength.
- Direct cable connection to a local network is best. Usually difficult to obtain due to security issues.
 - Wifi on the telemed bus
 - Hotspot
 - Mulitple cell signals (AT&T, Verizon)

PROS AND CONS OF TELEMED

<u>PROS</u>

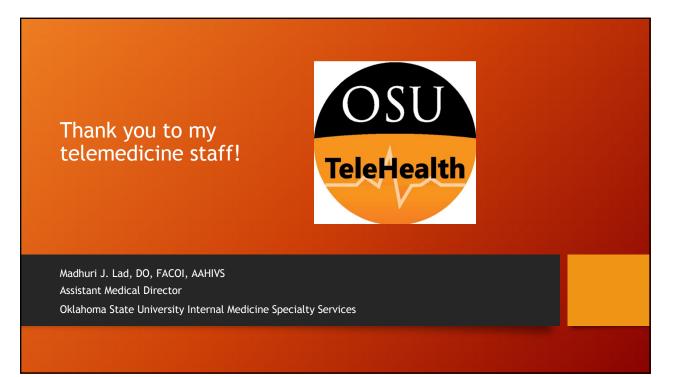
- Convenience
- Affordable
- Saves time and transport

<u>CONS</u>

- Connectivity issues
- Loss of personal touch
- Difficult for complicated cases
- Limited physical exam

Future Goals

- · Secure signed contract with outlying hospitals for use of space
- Combine HIV telemedicine days with other OSU departments to share expenses
- Recruit additional patients to reduce barriers to care
- Offer other services, such as counseling or test and treat programs
- Coordinate with FQHC's to refer new HIV positive patients in rural areas for care through telemedicine
- Start a third telemedicine location in eastern Oklahoma
- Share our experiences with other programs





Michael Snyder Stanford University

January 21, 2021



Conflicts: Personalis, Genapsys, SensOmics, Qbio, January, Protos, Fitricine, Mirvie, Oralome

