

# VIDEO ENHANCED THERAPY

## For TB Cases & 3HP Treatment of LTBI

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**VET =**  
**Video**  
**Enanced**  
**Therapy**



Available NOW!

Hopefully coming soon:



# VIDEO ENHANCED THERAPY

- A technology assisted means (smart phone or desktop computer) of observing a client ingest TB medications
  - For certain *select* clients
  - Using VDH approved HipaaBridge application
  - After prior authorization by the VDH TB Program for each client and LHD user
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# CRITERIA FOR VET

- Pan-sensitive TB disease or LTBI and on 3HP
  - Completed initial phase of TB disease treatment or first month of 3HP with 90% adherence
  - If smear +, converted to smear negative for AFB during initial phase
  - Clinical improvement
  - No severe adverse reactions during initial phase or 1<sup>st</sup> month
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# CRITERIA FOR VET – CONT.

- HCW available that speaks same language
  - Must have smart phone, tablet or PC with internet connection and IOS or Android operating system
  - Treating physician must approve
  - Meds in daily dosing packaging preferred
  - Signed VET agreement and successful practice
  - Exceptions possible
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# NO VET

- TB disease resistant to first line drugs
- Under age 18
- Medical risk factors – immunocompromised, liver disease
- Substance abuse
- Mental illness

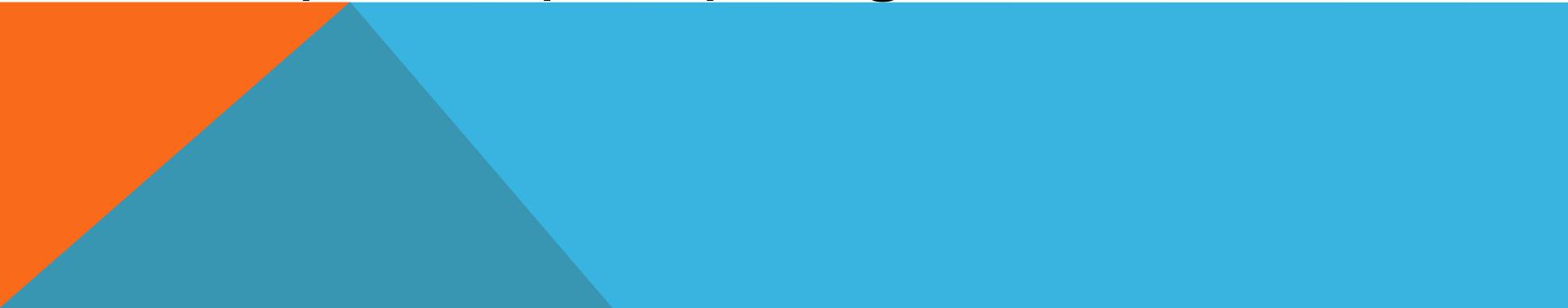


# CONFIDENTIALITY

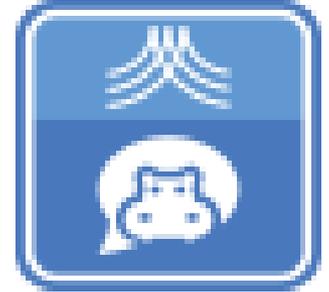
- A big issue – requires care and planning
- Potential for audio heard by others
- Potential for screen images seen by others
- Client being seen in location taking meds
- Hack potential is always a risk



# GETTING STARTED

- Assure that the client meets VET criteria
  - Verify that observer has access to equipment
  - Discuss VET with the client and verify equipment
  - Verify client ability to understand use of device/computer
  - Obtain treating physician approval
  - Determine who will provide VET and is trained
  - Complete the participant agreement
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# THEN.....



- Call TB Program for authorization
- Download HipaaBridge application
- Register in response to invitation email
- **VERY IMPORTANT, DECLINE REGISTERING USING MOBILE APPLICATION**
- Sign in to application using user name and password created in response to invitation
- **DO NOT try to register without an invitation!**

# AND THEN.....

## During a home or clinic visit:

- Assist the client in downloading the App
- Initiate contact with a text message
- Practice, Practice, Practice
  - Use of App
  - Confidentiality precautions



# BEFORE THE ENCOUNTER

- Review record for med changes, prior side effects, etc.
- Assure surroundings for privacy
- Initiate call
- Confirm identity using client and provider “alias”
- Ask client if in private location and document response; instruct to relocate if needed



# DURING THE CALL

- Ask client about side effects, symptoms and any other issues
- Follow district procedures if issues identified
- Ask client to open daily administration packet
  - All pills displayed on solid well-lit surface
  - Display liquid for consumption
  - Verify correct drugs and correct numbers
- Begin ingestion, one pill at a time

# DURING THE CALL - CONT.



- Maintain pill count throughout call
- Mouth check following medication ingestion
- Keep client talking for several minutes to ensure client did not “cheek” or “tongue” meds
- Confirm date and time for next VET appointment



# DISCONTINUE VET IF:

- Adherence drops below 90%
  - Severe, medication related adverse event
  - Persistent equipment failure / poor reception
  - Coughs into hand or tissue after taking med
  - Pills dropped – okay if picked up and display/count correct if isolated event
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# DISCONTINUE VET IF: CONT.

- Moves out of visual field frequently
- Clinical status worsens
- HCW suspicions

# HIPAA BRIDGE PROGRAM ADMINISTRATION

- Debbie Staley is program administrator
  - Any TB Nurse Consultant can approve VET
  - Notify Debbie when a client completes therapy or VET is stopped for any reason
  - Limited # licenses procured – a provider observer uses one license
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# SURPRISES AND LESSONS LEARNED!

- Only 14 Clients registered for VET in 3 ½ months
- Only two additional providers registered for 3HP
- VET does not require internet
- VET can't be done internationally, unless a observer uses a private device
- Licenses only used by *provider*, not client

**We have 484 Left!!**



# PLEASE.....

- **Begin or continue to encourage the 12 week treatment for latent TB infection (3HP)**
  - **Consider VET to cut in half the number of in-person visits needed to complete 3HP**
  - **Contact us for TB cases that otherwise would have no observation of therapy**
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**ANY QUESTIONS**

