

# Caring for HIV+ Patients in Challenging Settings

Natalia Martínez Paz, MPA, MA

Program Manager, Mountain West AETC ECHO  
University of Washington

Presentation prepared by: Natalia Martínez Paz, MPA, MA

# The Problem

# Mountain West AIDS Education and Training Center



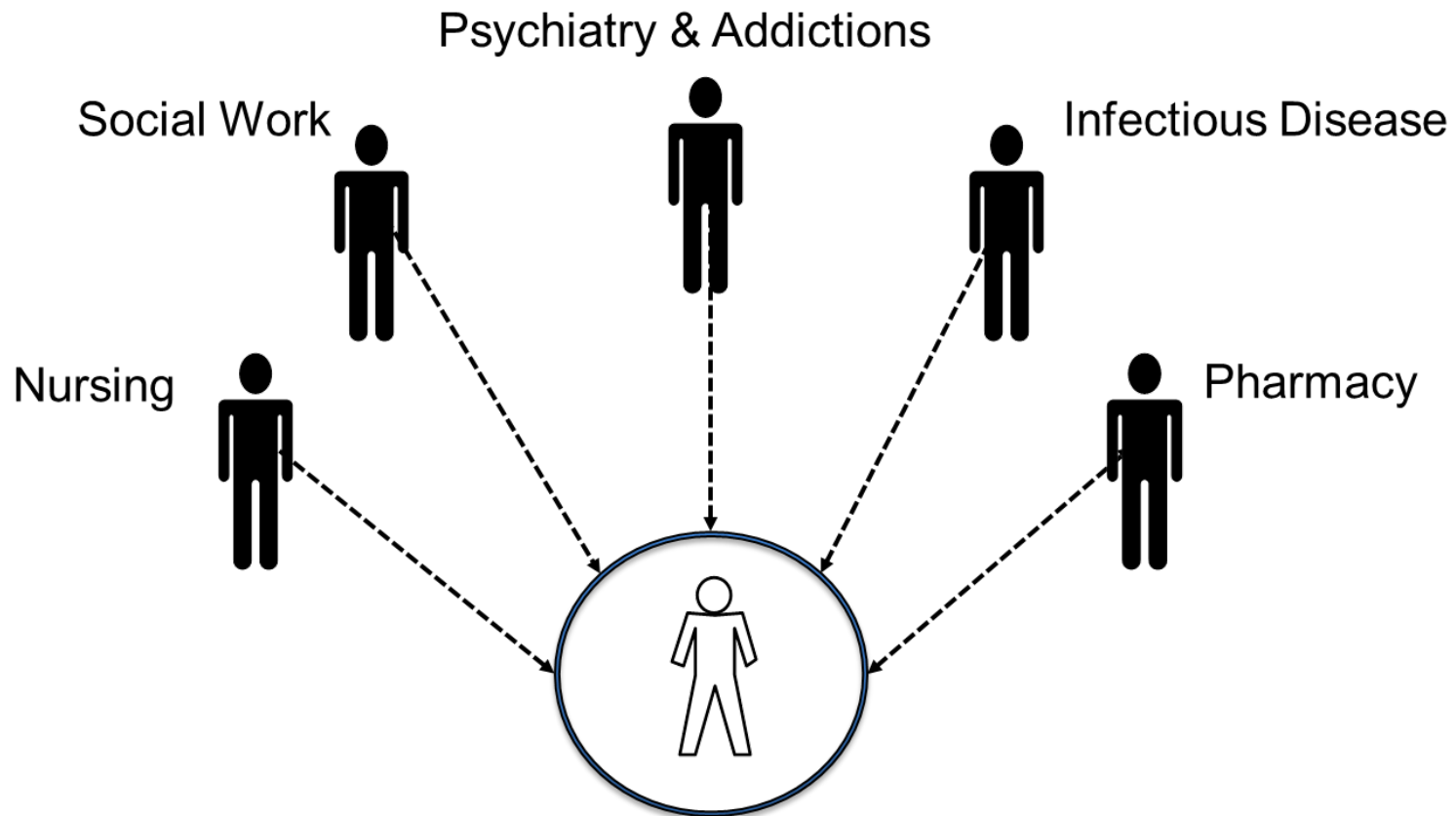
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# The Theory

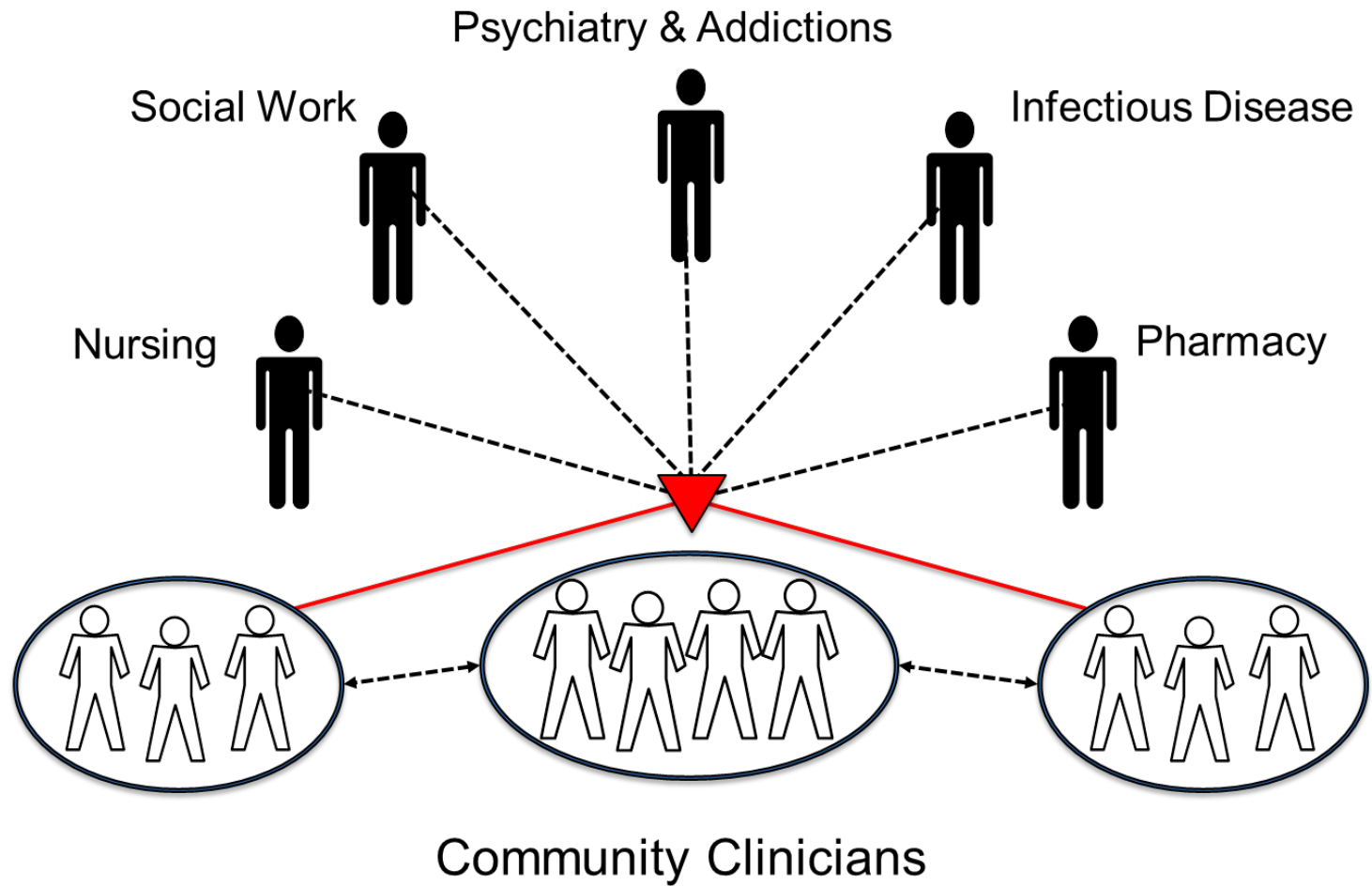
# Why provide specialty training?

1. People need access to specialty care for their complex health conditions.
2. There aren't enough specialists to treat everyone who needs care, especially in rural and underserved communities.
3. ECHO trains primary care clinicians to provide specialty care services. This means more people can get the care they need.
4. Patients get the right care, in the right place, at the right time. This improves outcomes and reduces costs.

# Shifts Away From 1-1

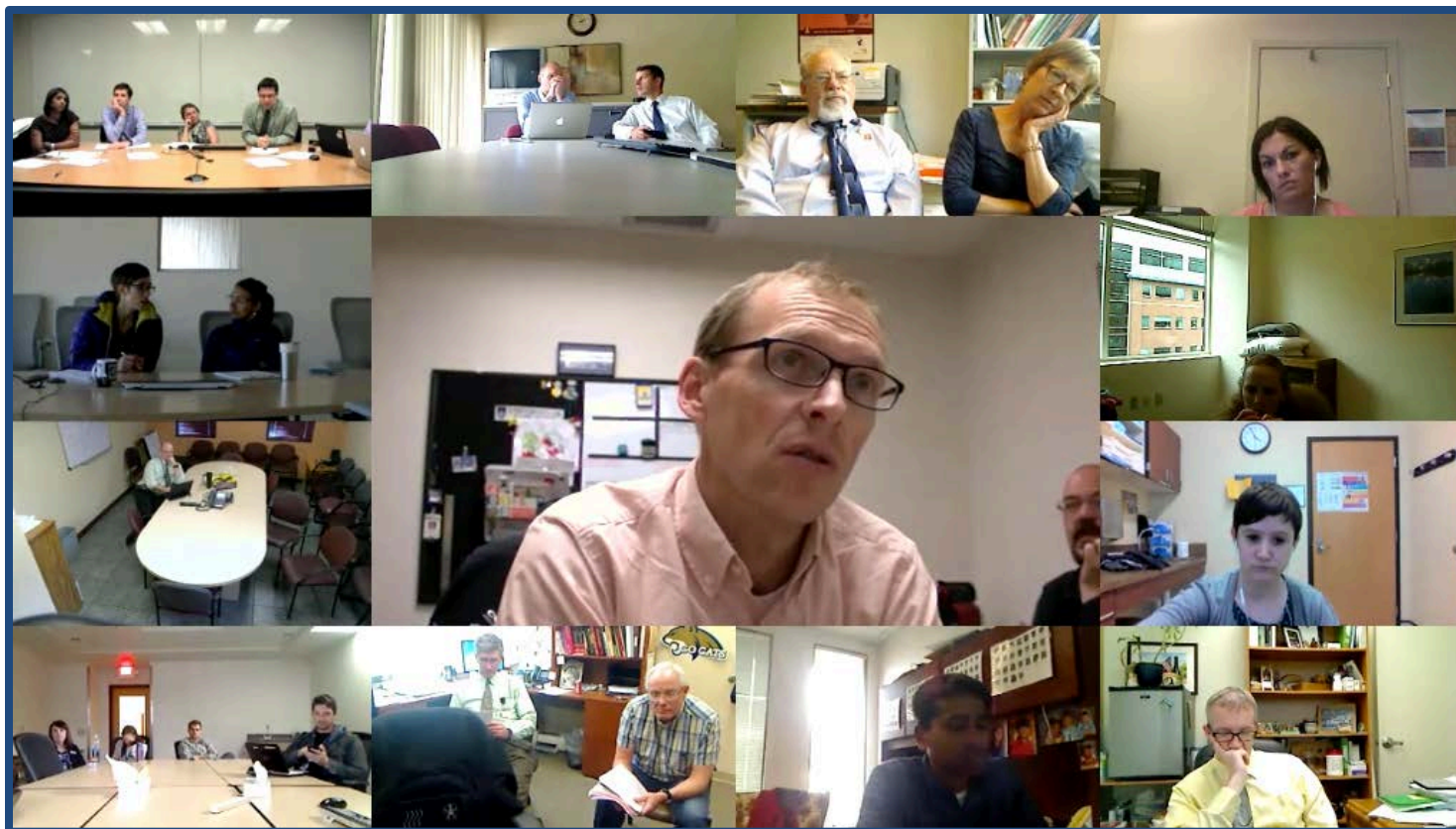


# Knowledge Network





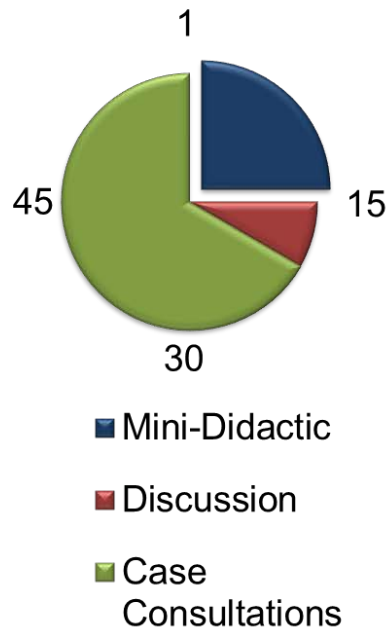
# Peer Network Interactive Learning Environment





# Mechanics

# Clinical Update



Mountain West AIDS Education and Training Center

## Self-collected Extra-genital Gonorrhea and Chlamydia Testing for MSM

Lindley Barbee, MD MPH

Assistant Professor, University of Washington

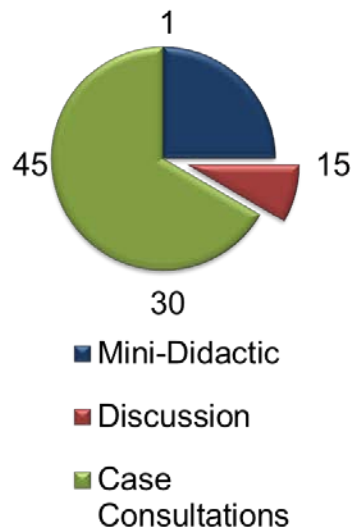
Medical Director, Public Health – Seattle & King County STD Clinic



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# Discussion



- Spokane, WA
- Eugene, OR
- Springfield, OR
- Pocatello, ID
- Vancouver, WA
- Medford, OR
- Corvallis, OR
- Bozeman, MT
- Missoula, MT
- Vancouver, WA
- Anchorage, AK
- Boise, ID

# Case Presentations



# All Clinical Updates Made Freely Available on Web

## Goal: Establish Channel for HIV Knowledge

2016 Clinical Updates

### Epclusa (Sofosbuvir/Velpatasvir) for HIV/HCV by John D. Scott, MD, MSc

Epclusa (Sofosbuvir/Velpatasvir) for HIV/HCV

Mountain West AIDS Education and Training Center

## Epclusa (Sofosbuvir/Velpatasvir) for HIV/HCV

John Scott, MD, MSc  
Associate Professor  
University of Washington

Jul 28, 2016

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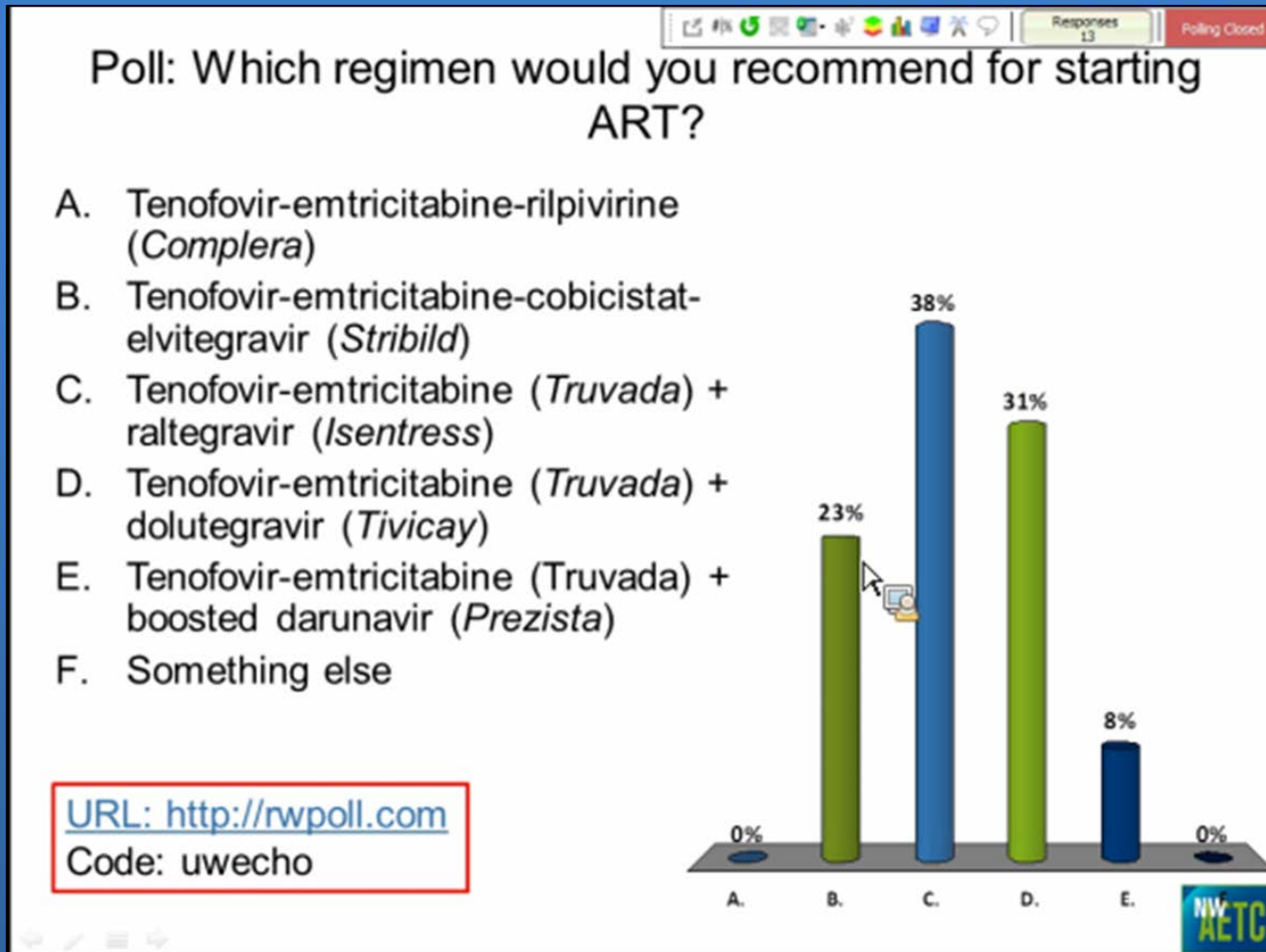
0:11 / 8:43

YouTube

PDF

March 10th, 2016 CROI 2016 Review: Antiretroviral Therapy  
Ann C. Collier, MD

# Interactive Polling



# Interactive Presentations

**Screening Tools for HIV-Associated Neurocognitive Deficits** by Christine Youdelis-Flores, MD

Screening Tools for HIV-Associated Neurocognitive Deficits

close (x)

9

10

11

International HIV Dementia Scale

12

13

8:56 / 10:18

CC HD YouTube

PPTX PDF

echo

# Additional Incentives for Participation

## Mou

### Summary

Date: July

Dear [REDACTED]

Thank you so  
information p  
including eit  
recommenda  
recommenda

Patient Code  
many prior  
ABC/3TC/R  
now has acu  
creatinine 1  
of phosphate

1. Renal  
renal  
renal  
with T  
functio  
baseli  
implic  
abnor

causes of renal insufficiency, as you are doing, and would have a low threshold for a Nephrology consult.

2. Medication dosing: we are generally lenient with 3TC dosing given that the medication does not carry high risk of toxicity, but we do feel that if he is

## Mountain West AIDS Education



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Joel G  
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- Grant Research Support: Bristol Myers Squibb, Janssen Therapeutics, Gilead Sciences, Merck and Company, ViiV Healthcare/GSK, AbbVie, Sanganmo Biosciences

### Additional Disclosure Statements

Learning Objectives for the ECHO program




# Impact

# Best Practices and Provider Knowledge

Pre-conception Issues in HIV Positive Patients by Shireesha Dhanreddy, MD

close

Guidelines in HIV Agents



for Adults Research

Advisory Council (OARAC)

DEPARTMENT OF HEALTH & HUMAN SERVICES - USA

0:38 / 18:46

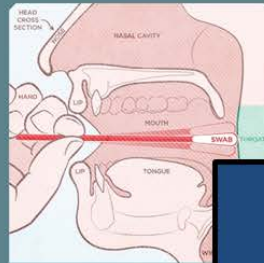
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PDF

## TEST YOURSELF

The Visual Guide for a  
Self-collected Throat Swab



# Sept. 8<sup>th</sup> 2016 Transgender Care



7 Say AHH... and reach the collection swab into your mouth to gently touch your throat.



8 Gently rub the swab tip on your throat side to side, up and down at least 5 times.



9 Unscrew the cap from the transport tube.

10 Place the collection swab into the transport tube, snapping it at dashed line.

11 Put the cap back on the transport tube and twist it closed to prevent leaks.

12 Put the transport tube into the biohazard bag.

13 Wash your hands with soap and water.

## TEST YOURSELF

The Visual Guide for a  
Self-collected Rectal Swab



5 Insert the swab into the rectum and twist the swab in a circle at least 5 times.

6 Firmly hold the collection swab above the dashed line (closer to the swab tip).



7 Get into a comfortable position that allows you access to your anus. Putting your foot on the step stool may help.



8 Gently insert the swab 1 inch into the rectum and twist the swab in a circle at least 5 times.



9 Unscrew the cap from the transport tube.

10 Place the collection swab into the transport tube, snapping it at dashed line.

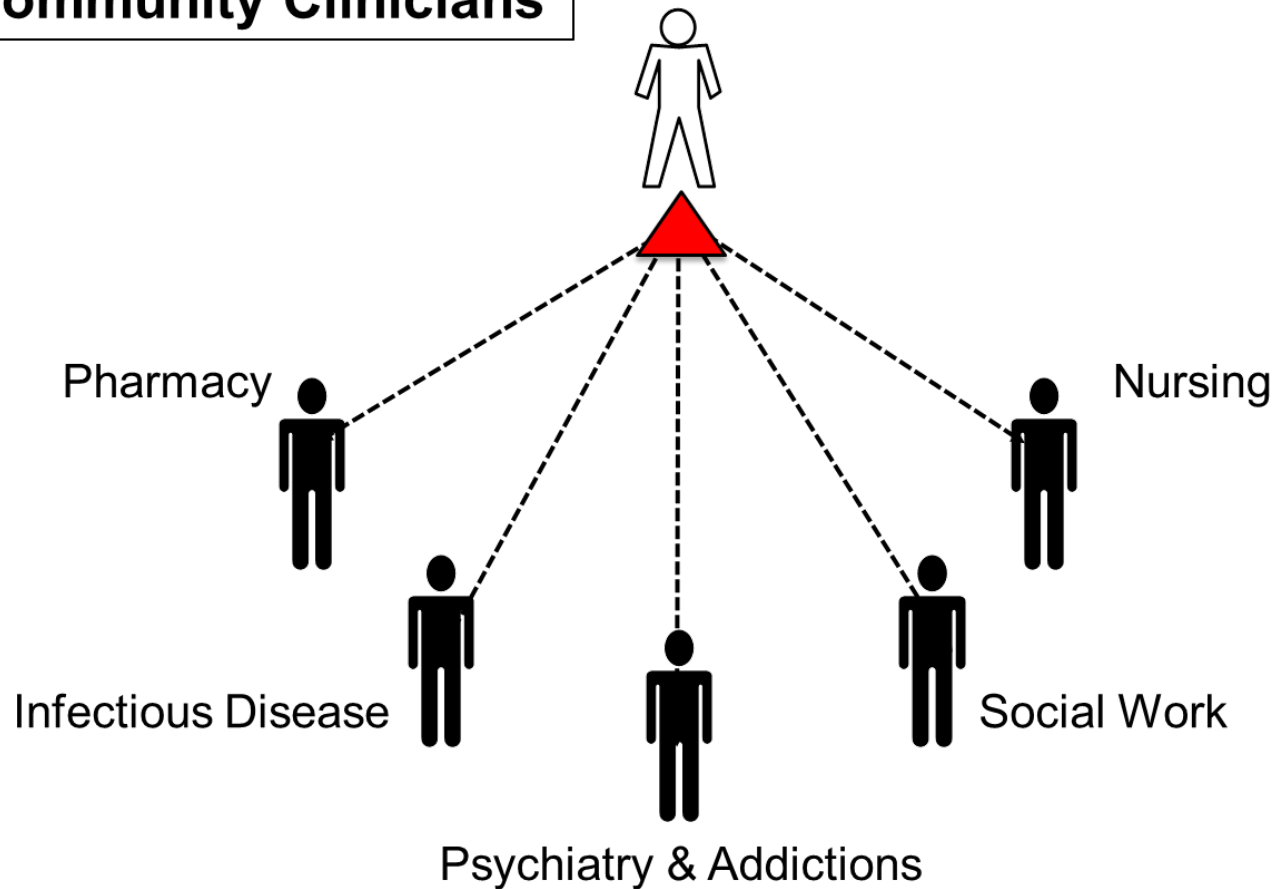
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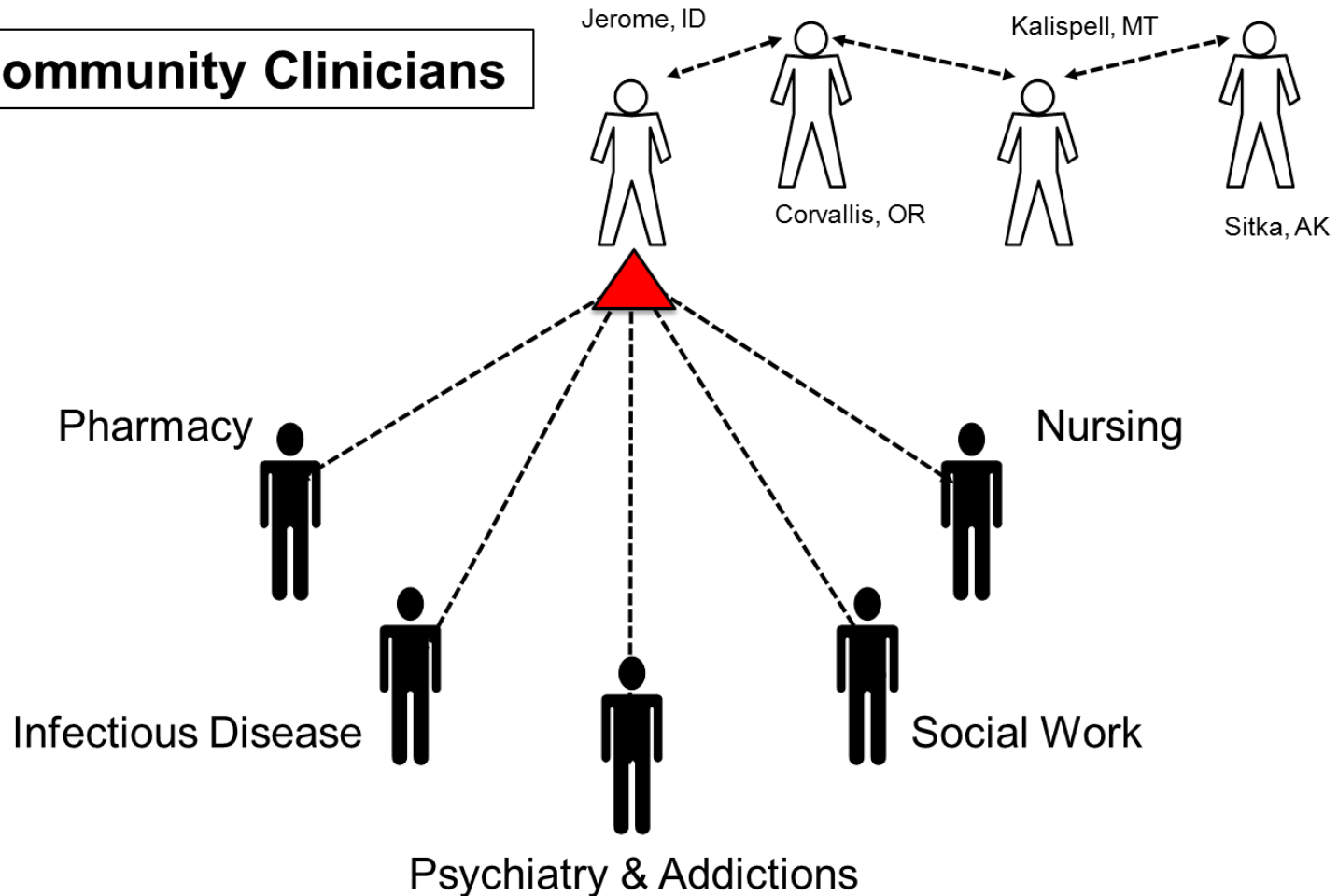
# Building Knowledge

## Community Clinicians

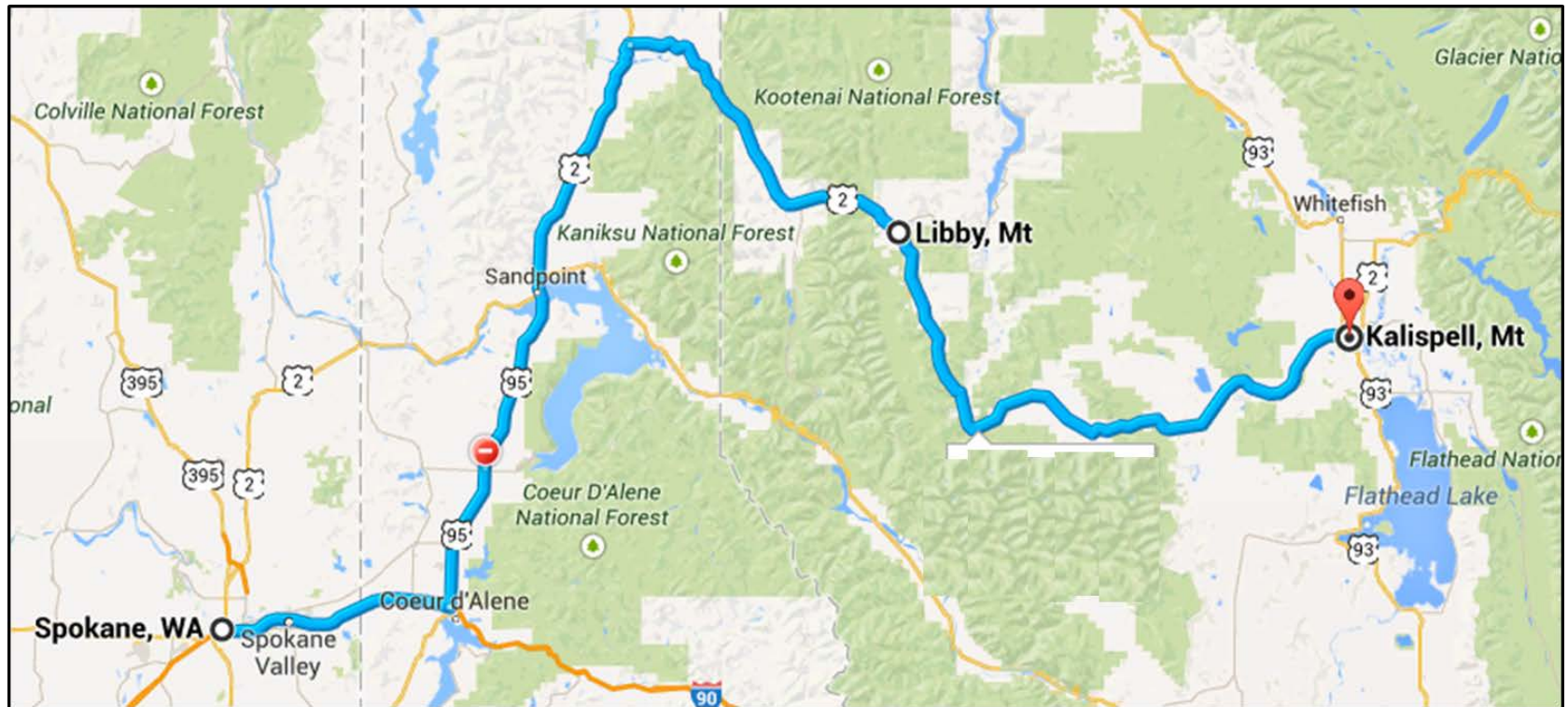


# Horizontal Knowledge Transfer

## Community Clinicians



# Fostering Peer-to-Peer Network & Support System Across Region



# Complex and High Risk

- Herpes simplex virus type 2 (HSV-2)
- Latent tuberculosis
- Syphilis
- Hepatitis C
- Anxiety
- Bipolar disorder
- Major depressive disorders

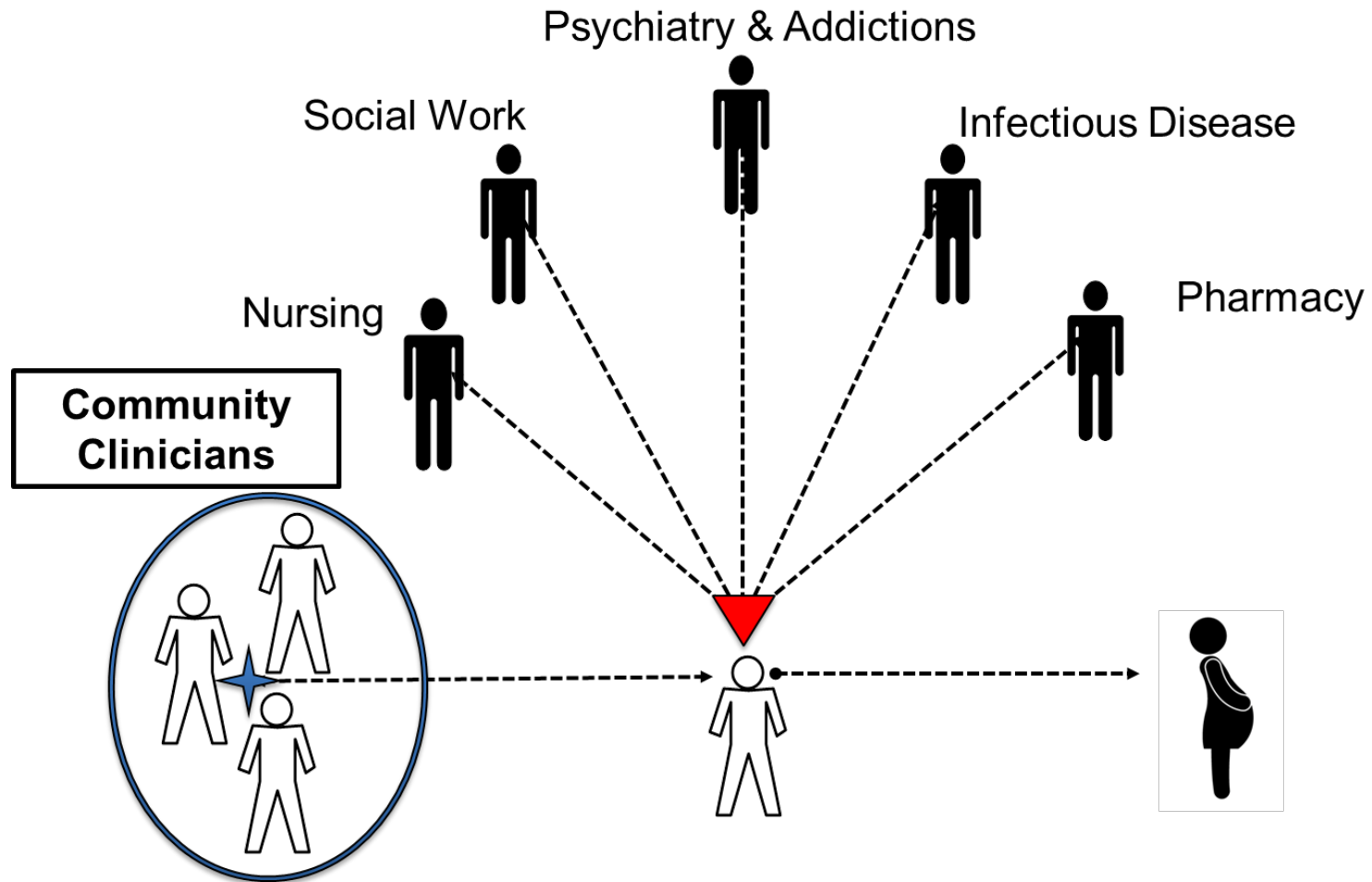
# Impact of ECHO on Pregnancy Care

Topic	Extremely	Moderately	Slightly	Not at all	Unsure
Initiating or changing ART in pregnancy	44% (18)	37% (15)	10% (4)	2% (1)	7% (3)
Developing a pregnancy delivery plan	32% (13)	32% (13)	20% (8)	5% (2)	12%(5)
Lab monitoring	27% (11)	41% (17)	17% (7)	2% (1)	12% (5)
Mental health	10% (4)	41% (17)	32% (13)	5% (2)	12% (5)
Substance use	7% (3)	37% (15)	32% (13)	7% (3)	17% (7)
Co-infections	20% (8)	34% (14)	29% (12)	5% (2)	12% (5)
Breastfeeding	27% (11)	44% (18)	15% (6)	5% (2)	10% (4)
Changing ART post-partum	27% (11)	37% (15)	17% (8)	5% (2)	12% (5)
Infant diagnosis/prophylaxis	27% (11)	39% (16)	20% (8)	2% (1)	12% (5)
<b>Overall knowledge</b>	<b>32% (13)</b>	<b>44% (18)</b>	<b>12% (5)</b>	<b>2% (1)</b>	<b>10% (4)</b>

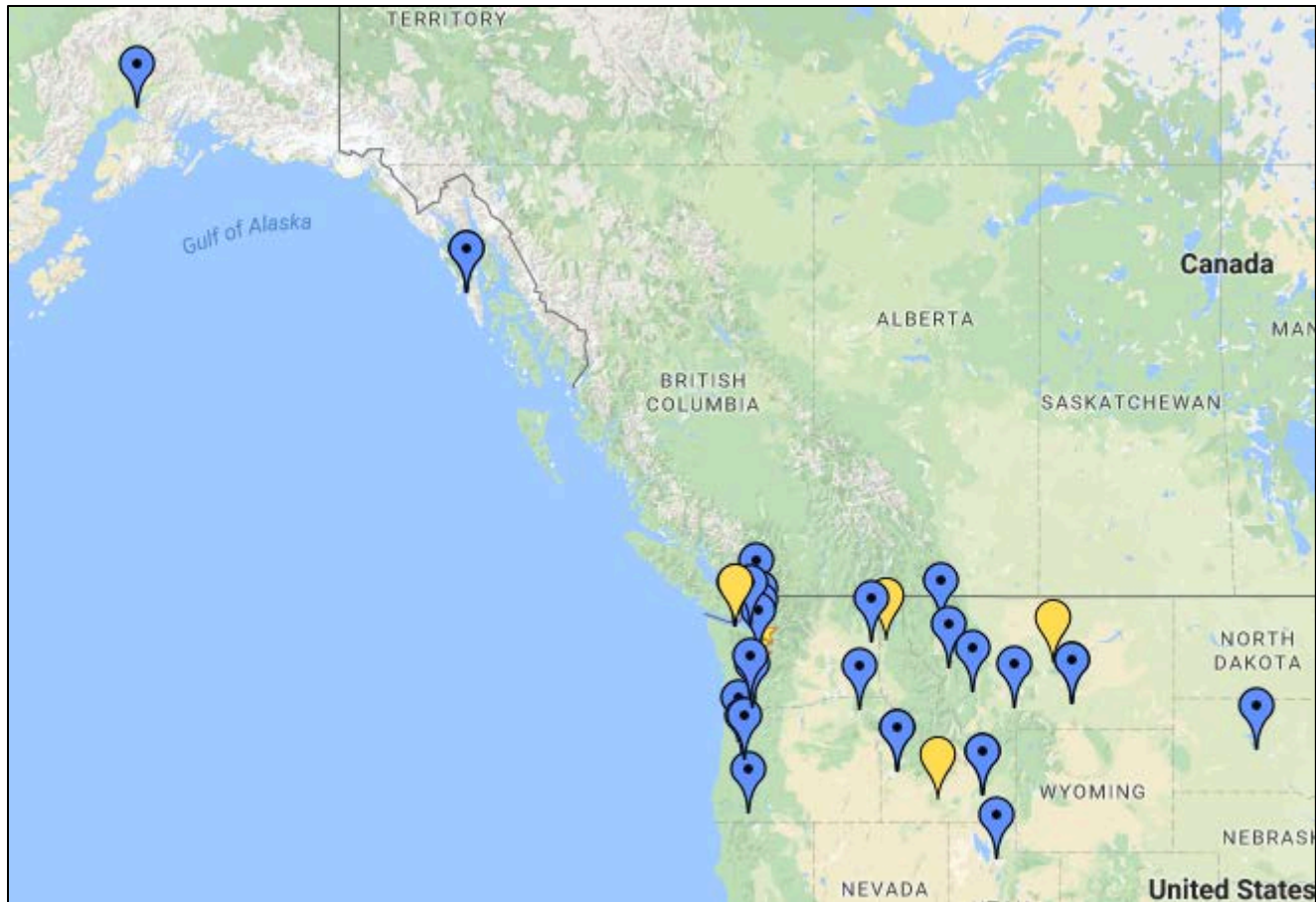
Reported impact of ECHO participation on survey respondent knowledge of various topics related to HIV management in pregnancy.



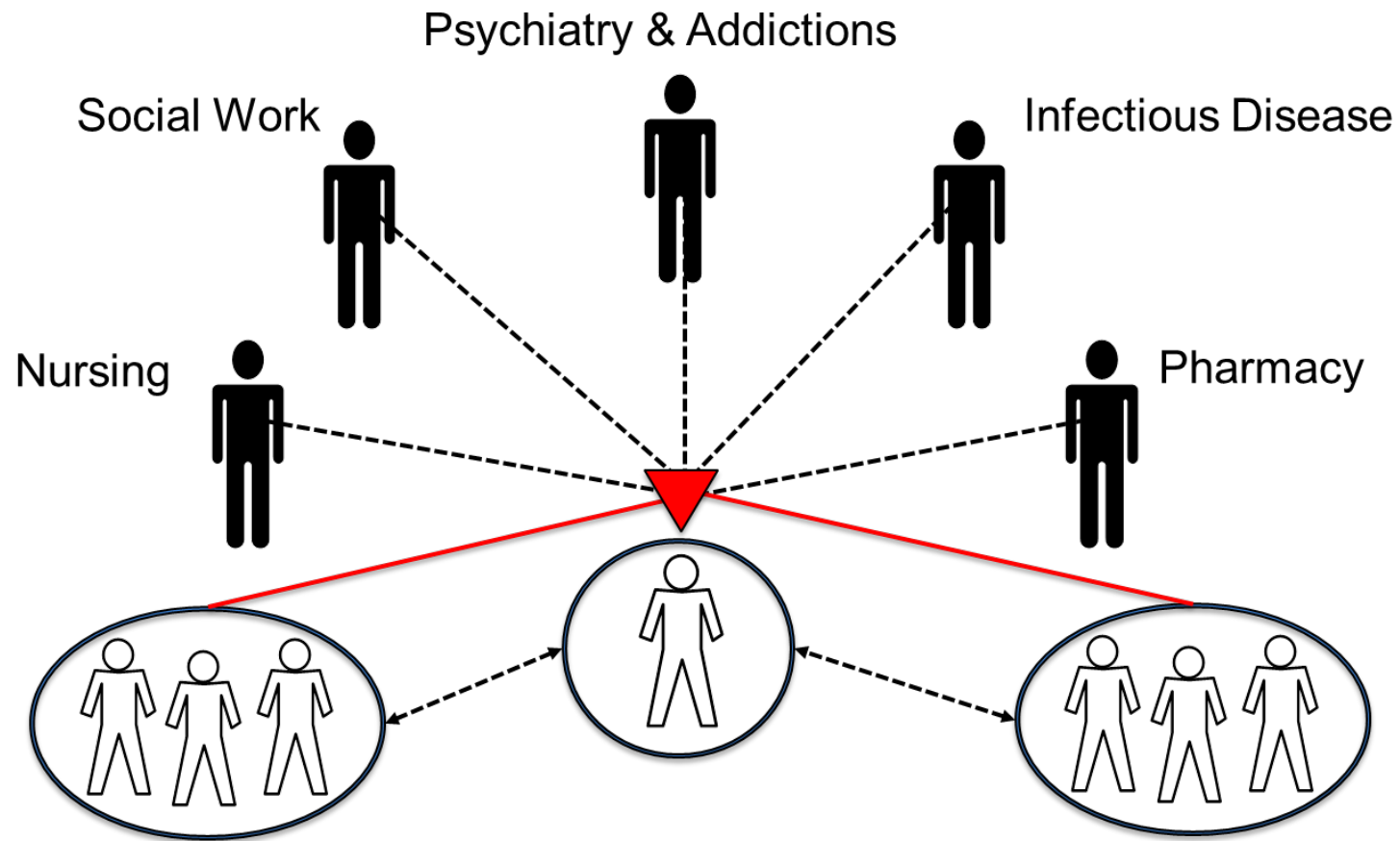
# Caring for HIV+ Patients



# Capacity Building



# Building a Community of Learning



# Just In Time Access





# Core of ECHO

- Increase community medical provider knowledge and confidence related to best-practice HIV medicine
- Decrease feelings of professional isolation
- Engender local and regional HIV care champions

Thank You!

Natalia Martínez Paz

[www.nwaetc.org](http://www.nwaetc.org)

[nmp@uw.edu](mailto:nmp@uw.edu)