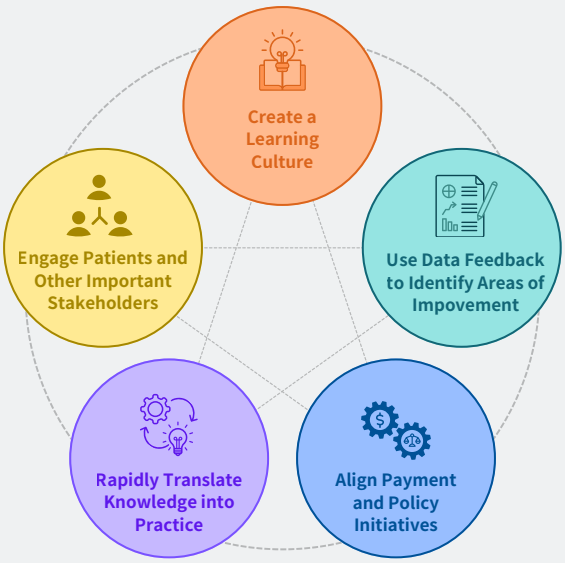
CONNECTION LEARNING HEALTH SYSTEMS
HUB-WIDE DATA SNAPSHOT
BUILDING A TWO-STATE LEARNING HEALTHCARE SYSTEM

Mental health delivery systems have newly turned to the learning health system (LHS) to knit people from multiple organizations together toward a common purpose: coordinating care with a focus on optimizing performance for clients, families, clinicians, and staff. Connection Learning Healthcare System (CLHS) is an EPINET hub creating a network among four academic institutions, five healthcare systems, two state behavioral health systems, and 23 CSC programs in Pennsylvania and Maryland. We approached creating CLHS with a plan to employ structures, activities, and culture to achieve LHS goals.

Learning Health System Domains



Lessons Learned

1 Stakeholders face different barriers and facilitators to LHS involvement.

Our Staff and Clinician Collective address this by identifying ways to reduce obstacles, showcasing how LHS involvement has benefitted their programs, and crafting procedures for partnering with low-involved programs.

2 All stakeholder groups should be represented at the earliest stages of LHS planning.

We established the **CLHS Lived Experience** and **Family Member Collectives.**

3 Using data to continuously improve clinical care requires creativity, dynamic navigation, and ongoing conversations.

Sample CLHS Activities by LHS Domain

Create a Learning Culture

Bi-annual data feedback and discussion

Presenters describe findings from CLHS or national EPINET data and lead discussions about implications for clinical practice.

A CLHS researcher presented CAB data to illustrate best practices for reducing suicidality in FEP; a clinician described his use of Tableau to visualize CAB data for measurement-based care.

Use Data Feedback to Identify Areas of Impovement

Collection of CLHS CAB

Supports standardized CSC program data collection.

CLHS CAB is harmonized with measures selected for EPINET; has additional domains of interest to stakeholders in each state.

Align Payment and Policy Initiatives

State partner collaborative meetings

Meet with state funders to discuss progress, review outcomes, and make changes as needed.

State partners meet with state FEP CSC leadership and with counterparts in the other state through breakout sessions in Community of Practice meetings.

Rapidly Translate Knowledge into Practice

Training and implementing new practices through research participation

Supports research projects that collect data on FEP clinical care topics.

Brief intervention for cannabis use, understanding barriers to engagement for Black clients and families, exploring young adults' preferences and needs for school and work support.

Engage Patients and Other Important Stakeholders

Stakeholder-specific workgroups

Groups dedicated to imbuing a specific stakeholder group's perspective into CLHS activities.

Lived Experience, Family Member, and Staff/Clinician Collectives.

AUGUST 2025

https://doi.org/10.1016/j.schres.2025.02.004