



KHAMP

Kentucky Hepatitis Academic Mentorship Program

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Kentucky Rural Health Association



Kentucky Hepatitis Academic Mentorship Program

Hepatitis C A Silent Epidemic WHY KHAMP?

The Hepatitis C Epidemic - A Silent Epidemic (CDC)

- Per CDC, The **Hepatitis C virus is leading cause** of liver disease, liver cancer and liver transplants, placing a huge burden on patients, their families, caregivers and the health care system.

The Growing Problem of Hepatitis C in the US and also in Kentucky

- Per CDC, **More persons die from Hepatitis C than all other 60 reported infectious disease combined.**
- According to available data, at least 20,000 deaths occur each year.
- **Kentucky had 54 of the 220 counties in the US at high risk for HIV and Hepatitis C**



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Hepatitis C A Silent Epidemic WHY KHAMPP?

Cascade of Care Barriers

- Lack of local, accessible providers
- Limited knowledge and awareness (primary care providers and/or patients)
- Scarcity of Subspecialists for Referral
- Long wait times to see Specialists
- Lack of team based coordinated care

Opportunities

- In June 2018....
- Medicaid increase access to treatment by eliminating fibrosis, sobriety and drug testing requirements as preconditions for prescribing HCV medications.
 - Specialist prescribing restrictions remained in place
- Universal testing and reporting of HCV during pregnancy became law



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Hepatitis C A Silent Epidemic WHY KHAMP?

Solutions

- Education
- Empowerment of Primary Care Providers
- Mentoring
- Collaboration & Networking



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KHAMP Collaboration

Kentucky Rural Health Association

- Provides infrastructure and administration for the KHAMP/US HAMP program
- Supports collaboration between partners and facilitates curriculum development
- Funding/Sponsorships
- Continuing Medical Education credits

Faculty Partners:

University of Louisville, Cincinnati Children's Hospital, Walgreens, UofL Hospital Specialty Pharmacy, Three Rivers Gastroenterology (Louisiana, KY), RTI International



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WHAT are KHAMP Goals?

KHAMP Goals:

- **Eliminate** the number of people with hepatitis C virus infection by increasing the **link to care** and **achieving cure**
- **Provide education** for hepatitis C specialty training for primary care and addiction care providers. Recruit providers from FQHCs, hospitals, and rural community clinics in high-risk settings.
- **Remove barriers** to care for patients with hepatitis C virus infection
- **Establish a provider network** trained by hepatitis C experts who can complete the hepatitis C care continuum:

Screen → Diagnose → Evaluate → Treat or Refer → Cure



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What is the KHAMP Model?

The KHAMP Model:

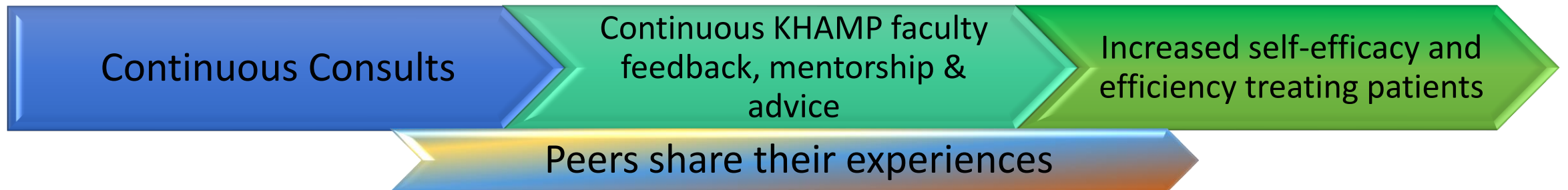
- In person, Tele-mentorship, & peer-based training program
- Primary care and addiction care providers have ready **access to hepatitis C treatment experts**; faculty can provide scholar-specific mentoring and advice
- Designed to **increase access to care in high-risk low-resource** areas of Kentucky
- Interactive electronic consultation process
 - Consultation process creates a REDCap registry of patients with hepatitis C virus infection and cures
 - Secure, HIPPA compliant data system
- Foundational Model for US-HAMP



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HOW are KHAMP Providers Educated?

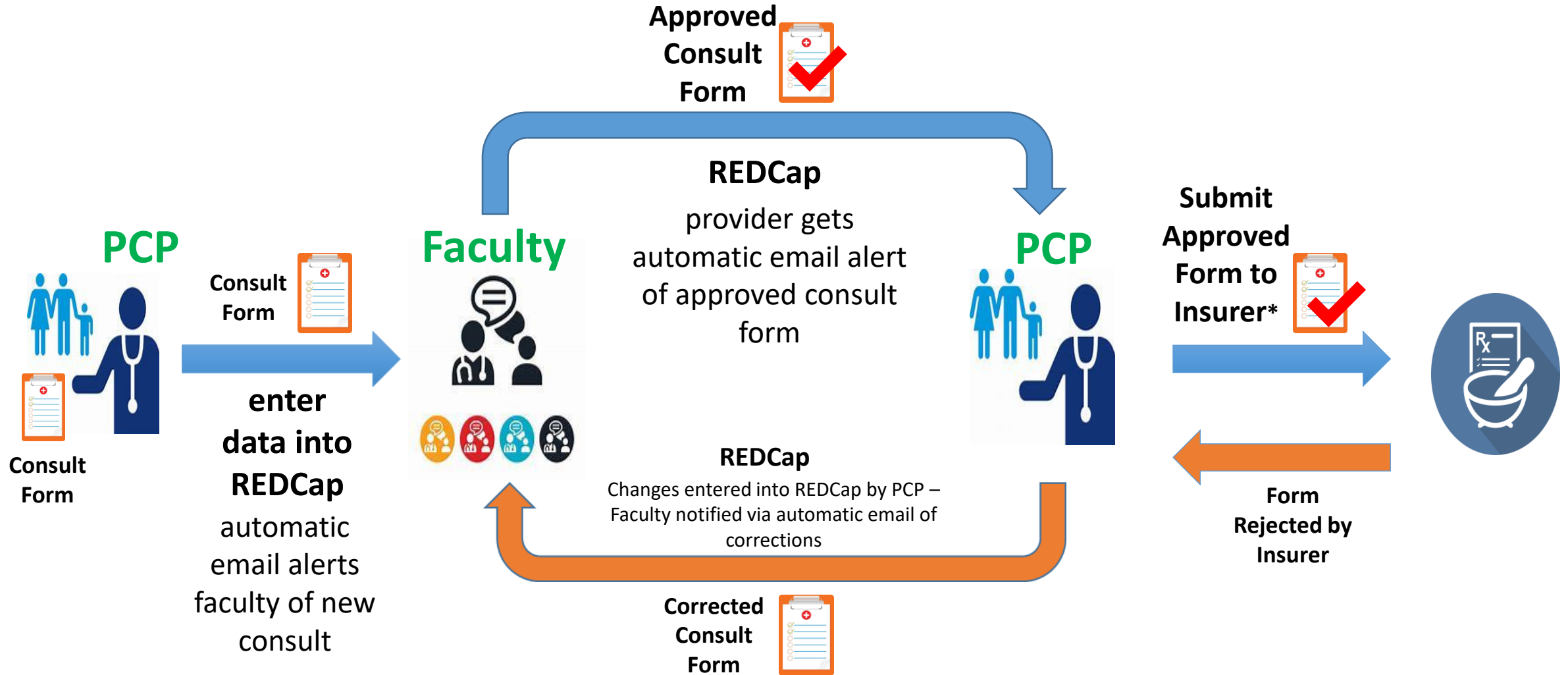
The KHAMP Training Model 1 year



KHAMP Consults

How Does the Consultation Process Work?

Providers communicate via HIPPA compliant/secure interactive consults in REDCap





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What are the KHAMP Providers Taught?

KHAMP 1 and KHAMP 2 Didactics

• Screen → Diagnose → Evaluate → Treat or Refer → Cure

- Assess HCV and fibrosis, Know when to refer for hepatology care
- Determine HAV/HBV infection status and immunization needs
- Recognize opportunities for harm reduction, naloxone training
- Understand formularies
- Assess treatment readiness
- Follow patients after cure
- Advanced training in management of HCV and other diseases



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What are the KHAMP Resources?

KHAMP Resources

- KHAMP tool kits for each training session
- Formulary tool kit & easy access to clinical pharmacists
- Bi-monthly Webinar training (1 hour)
- Guest faculty may participate in Webinars
- KRHA - KHAMP Website (Member only)

Publications:

- Working Toward Elimination of Hepatitis C: The Kentucky Hepatitis Academic Mentorship Program

Cave, B. Sanders, K. Brawley, R. Espinosa, C. McCormick, T. Moser, S. (2020, September 22). 'Working Toward Elimination of Hepatitis C: The Kentucky Hepatitis Academic Mentorship Program', *Clinical Liver Disease*, 16 (3), 123-126.
<https://doi.org/10.1002/cld.1028>

Videos:

- 3 Videos on KRHA Website – “Did You Know”





Kentucky Hepatitis Academic Mentorship Program

Solutions to Remove Barriers KHAMP Scholar Benefit

• Education

- Expands Provider knowledge and awareness surrounding HCV & related needs
- Ongoing interactive Mentorship for 1 year
- Increases the number of local, accessible providers

• Empowerment of Primary Care Providers to treat/cure patients

- Hepatitis C can be identified, treated and cured by Primary Care Providers
- Patient stays in home area with Providers they know and trust
- Decreases wait times for access to treatment

Solutions to Remove Barriers

KHAMP Scholar Benefit

- **Mentoring**

- Linkage to Specialists

- KHAMP Team Based Faculty (Specialists) educate Providers
- Interactive communication for consults via phone, email and HIPPA compliant and secure REDCap database

- **Collaboration and Networking**

- Collaboration with Payers

- Consultation questions satisfy Medicaid prescriber requirements and aids in bidirectional communication
- The completed consultation information can be included in the prior authorization process

- Fosters team based coordinated care across our state

- KHAMP is the foundational model for US Hepatitis Academic Mentorship Program, US-HAMP

- Annual KRHA membership at no cost, Continuing medical education (CME) credits



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What are KHAMP Program Activity and Results?

KHAMP Initiated August 1, 2018 – October 26, 2021

341 Providers educated

Consults written: **1516**

KHAMP sessions completed: **15**



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What is in the future for KHAMP?

Future KHAMP Goals

- Continue to align with National Viral Strategy 2025 to assist with the elimination of Hepatitis C
- Demonstrate KHAMP Scholars have the same rate of cure for HCV infection as specialists
- Increase the number of annual KHAMP 1 and 2 trainings
- Continue to expand
 - KHAMP is the foundational model for US Hepatitis Academic Mentorship Program, US-HAMP
 - Continue to assist states with the KHAMP foundational model as they seek to educate and mentor providers



Kentucky Hepatitis Academic Mentorship Program

How do I “GET STARTED”?

“GETTING STARTED” with KHAMP

Sign up at <http://www.kyrha.org>

- **KRHA members** receive emails on KHAMP dates along with registration link
- **KRHA Meeting Attendees** - If you attend KRHA meetings and are not a member, you automatically receive emails with KHAMP events including registration links
- **Non KRHA members** may sign up via link on the KRHA website.
 - (You do not need to be a member to attend KHAMP)
- **Program Specifics:**
 - No Charge for KHAMP Training
 - Providers we train - Physicians, Nurse Practitioners, PA's, Pharmacists



Kentucky Hepatitis Academic Mentorship Program

What is the KHAMP Comprehensive Curriculum?

KHAMP 1 Curriculum

- HCV Virology
- HCV epidemiology with a focus on the relationship of HCV transmission to injection drug use
- Recommended HCV testing, care and treatment
- HCV among pregnant women and children
- Assessment of liver disease and staging
- Introduction to treatment and specialty pharmacies (both academic and commercial)
- An overview of HCV treatments for persons who inject drugs
- **KHAMP Toolkit Overview** : Consultation Process, Resources and Data Management/Reporting

KHAMP 2 Curriculum (several months later)

- Additional training in management of HCV and other diseases
- Harm reduction (safe injection practices and drug treatment access)
- Naloxone Training and overdose response
- Drug-drug interaction avoidance strategies