



Kentucky Hepatitis Academic Mentorship Program

KHAMP: Kentucky's Hepatitis C Elimination Plan



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 has 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 KHAMP?

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
- Collaboration & Networking



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KHAMP Creation and 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:

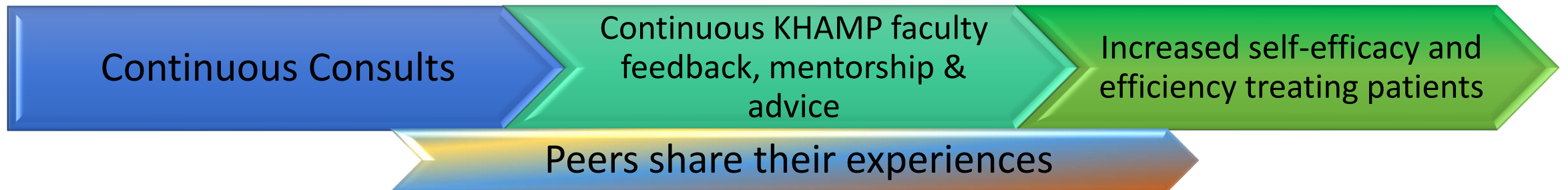
- **In person, Tele-mentorship, & peer-based training program**
- **Primary care and addiction care providers have ready access to hepatitis C treatment experts; faculty can provide scholar-specific mentoring and advice**
- **Designed to increase access to care in high-risk low-resource areas of Kentucky**
- **Created an interactive consultation process. Transitioning to an electronic REDCap registry of patients including hepatitis C virus infection and cures**



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HOW are KHAMP Providers Educated?

The KHAMP Training Model 1 year





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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

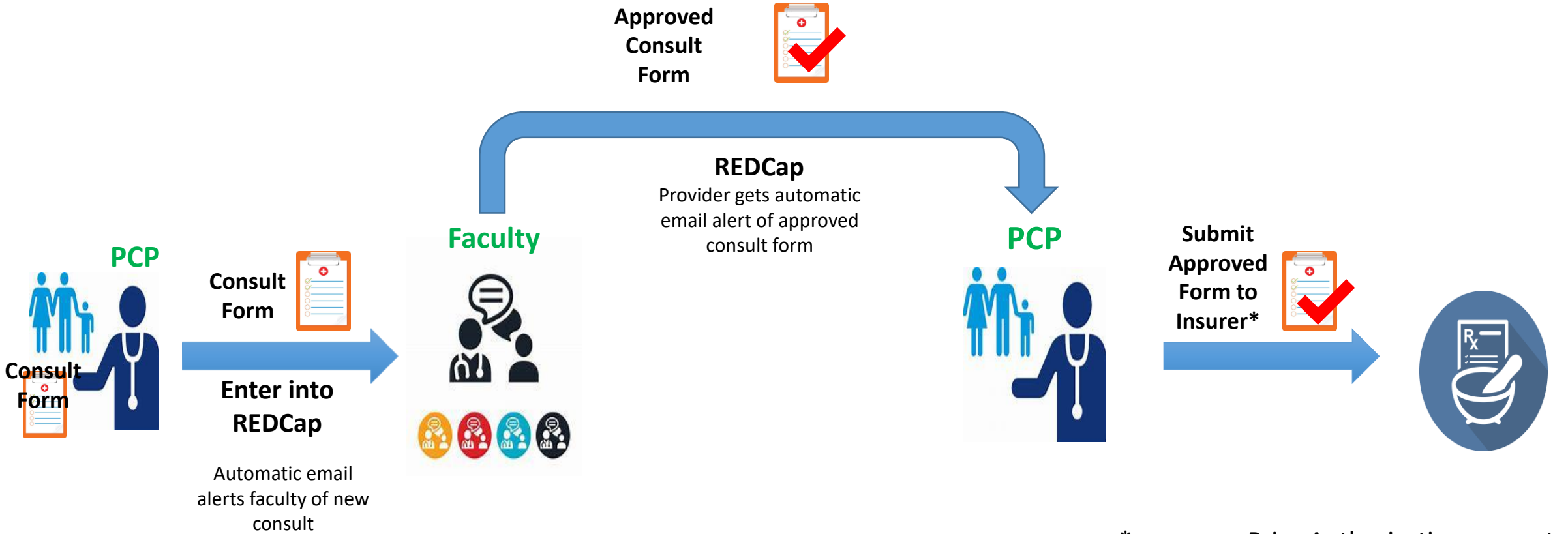


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KHAMP Consults

How Does the Consultation Process Work?

Providers communicate via HIPPA compliant/secure interactive consults in REDCap



* serves as Prior Authorization request





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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”





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Solutions to Removes 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 Removes Barriers KHAMP Scholar Benefit

• Collaboration and Networking

• 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 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

• The KHAMP framework has been adapted to the US Hepatitis Academic Mentorship Program US HAMP

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



What are KHAMP Program Activity and Results?

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KHAMP Initiated August 1, 2018 – April 1, 2020

190 Providers educated

Consults written: 900

Outcome reports: 84

81% (n=68) completed treatment and all achieved SVR 12 (HCV cure)

Remaining 13 patients lost to follow up, incarcerated, deferred treatment or lost insurance

*** In process of Transitioning from sFax to electronic reporting via REDCap, October 2020**

TO DATE (October 2020)

250 Providers Educated, 1200+ consults, (624 in REDCap)

KHAMP 1 sessions - 7 completed in person, 1 virtual completed Oct. 2020

KHAMP 2 sessions - 1 completed in person, 1 completed virtual

Webinars - 7 completed



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What is in the future for KHAMP?

Future KHAMP Goals

- Eliminate Hepatitis C
- Continue to expand
 - The KHAMP framework has been adapted to the US Hepatitis Academic Mentorship Program US HAMP, so other states may adopt the model and adapt it to their local needs
- Demonstrate KHAMP Scholars have the same rate of cure for HCV infection as specialists
- Increase the number of annual KHAMP 1 and 2 trainings
- Transition all Providers to an electronic two-way platform with data reporting capability via REDCap database for individual providers, states and US



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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



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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