

#### Viral Hepatitis Testing Health System Assessment Toolkit

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#### TOOLKIT

#### Viral Hepatitis Testing HEALTH SYSTEM ASSESSMENT

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# Why?

- Improve HCV (& HBV) screening (& linkage/treatment)in your jurisdiction
- Systems-level changes needed to reach elimination in your jurisdiction
- Inform resource and technical assistance needs
- Strengthen relationships with key players in your jurisdiction



## Who to Include?

Work with surveillance team to identify 5 highest volume health systems for HCV (& HBV) testing.

#### **Example 1**

All newly reported positive and negative HCV antibody (anti-HCV) screening results in 2022 within the jurisdiction identify three major academic medical HS (multi-hospital and outpatient sites), and the five hospitals in the system.

#### Example 2

All newly reported positive and negative anti-HCV, HCV RNA, HBsAg, and HBV DNA test results in 2019 identify two hospitals within larger health systems, one community health center, and one syringe service program (SSP).

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#### Methodologies

- Questionnaire (SurveyMonkey, REDCap, etc.)
- Key Informant Interviews or Focus Groups
- Review of written protocols and resources
- Disease Surveillance Data
- Patient Interviews
- Brief Patient Intercepts
- Onsite Review of Processes
- Additional Data Sources (claims, ECR, etc.)

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## What to Ask?

#### Dictated by capacity and resources

- HCV (& HBV) screening methods
  - Reflex testing

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- Universal opt out models
- Simplified order sets in EMRs
- Policies on paper vs. practice
- Are national recommendations being followed?
- May include linkage, vaccination, & treatment

**APPENDIX 1: BEST PRACTICE OUTLINES** 

**APPENDIX 2: FACTORS TO CONSIDER** 

**APPENDIX 3: QUESTION BANK** 

## Who to Ask?

- Depending on the HS, may not be straightforward
- May choose to pick a few specialties (who SHOULD be testing)
- If you have champions, leverage them!

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### Feedback After Assessment

- Share with site: one pager, meeting, etc.
- Broader dissemination to stakeholders
- Be constructive

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- Leverage existing recommendations and models
- Facilitate connections with champions or experienced sites
- Present opportunities to continue the collaboration



#### **Health Departments**

- Identify areas for support and improvement
- What programming would help? What education is lacking?
- Are there policies needed to facilitate addressing barriers?



# Examples



#### **Question Bank**

- Maryland
- California
- Montana

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• Philadelphia

#### Section IV

HBV Services offered: This section of the survey will focus on HBV services being offered to patients including screening, testing, vaccination, and support services

- Screening
- 28. Do you offer routine HBV screening and testing? (yes/no/unknown)
- 29. Do you have guidelines for HBV screening? (yes/no/unknown)
- 30. Percentage of patients requesting HBV screening and testing
- 31. Number of patients tested for HBV in the last 12months
- Where do you provide your testing (on-site, off site)
  - If offsite which: outreach, community, nail salons, mobile unit, ethnic festivals, churches
- 33. Do you offer HBV prevention services/education? (yes/no/unknown)
- 34. Do you offer HBV vaccination to uninsured? (yes/no/unknown)

#### Vaccination

- 35. Do you offer HBV vaccination? (yes/no/unknown)
- 36. Do you have guidelines for HBV vaccination? (yes/no/unknown)
- 37. Percentage of patients requesting HBV vaccination (yes/no/unknown)
- 38. Number of patients tested for HBV in the last 12months
- 39. Where do you provide your vaccinations (on-site, off site)
  - If offsite which: outreach, community, nail salons, mobile unit, ethnic festivals,

churches

40. Do you offer HBV vaccination to uninsured? (yes/no/unknown)

#### Support Services

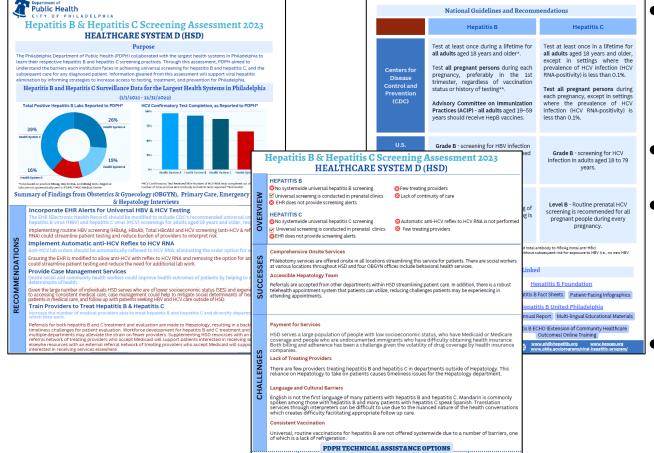
- Are any of the following services are offered:
  - case management (yes/no/unknown)
  - childcare (yes/no/unknown)
  - food (yes/no/unknown)
  - clothing (yes/no/unknown)
  - financial needs (yes/no/unknown)
  - HBV treatment advocacy (yes/no/unknown)
  - in-house specialist/hepatologist consultation (yes/no/unknown)
  - language (yes/no/unknown)
  - mental health (yes/no/unknown)

#### **PDPH's HSA**

- Key Informant interviews with 4 HS's representing >10 hospitals and dozens of primary care offices
  - 30 minute meetings
  - Also did a SurveyMonkey of FQHCs in city
- Spoke to primary care, family medicine, OBGYN and some infectious disease practices
  - Several CMOs attended as well
- Discussed HCV & HBV testing, linkage pathways and treatment, and HBV vaccination



## PDPH's Feedback Dissemination & Action Plan



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resources provided in multiple languages, including Mandarin & Spanish.

External referral

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HBV & HCV sci

prompts in EHR

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regarding

efits of universal hepa screening & vaccinatio hepatitis B and hepatitis

- Compiled each HS's feedback into background data, resources, & recommendations
- Sent via email to key informants
- Met with key informants to review and develop action items
  - ¾ sites so far
- Follow up meetings in a few months

### **Results & Feedback Examples**

- 1 HS follows baby-boomer HCV testing in primary care
  - Sharing national universal HCV testing guidelines and recommending EMR order sets for all adults
  - Offered provider education
- 1 HS following HCV testing guidelines and offering HCV treatment in OBGYN and Primary Care, but universal HBV not yet universal
  - Building order set and referral pathways for HBV triple screen



# Thank You!

