Viral Hepatitis Testing Health System Assessment Toolkit

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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).
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.)
What to Ask?

Dictated by capacity and resources

- HCV (& HBV) screening methods
  - Reflex testing
  - 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!
Feedback After Assessment

• Share with site: one pager, meeting, etc.
• Broader dissemination to stakeholders

• Be constructive
• 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
- 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 12 months
  32. Where do you provide your testing (on-site, off-site)
     - If on-site which: outreach, community, nail salons, mobile unit, ethnic festivals
  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 receiving HBV vaccination (yes/no/unknown)
  38. Number of patients vaccinated for HBV in the last 12 months
  39. Where do you provide your vaccinations (on-site, off-site)
     - If on-site which: outreach, community, nail salons, mobile unit, ethnic festivals

- **Support Services**
  40. Are any of the following services are offered:
      - case management (yes/no/unknown)
      - child care (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

- 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
2. 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!