



# THE STATE OF HCV & CRITICAL VIRAL HEPATITIS STRATEGIES

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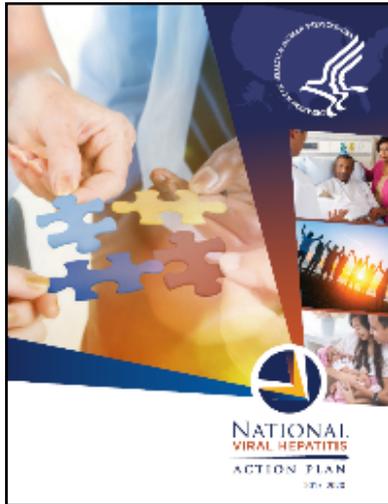
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# CONFLICT OF INTEREST DISCLOSURE

I have no conflicts of interest.

# VISION: VIRAL HEPATITIS ELIMINATION



## Vision

The United States will be a place where new viral hepatitis infections have been eliminated, where all people with chronic HBV and HCV know their status, and everyone with chronic hepatitis HBV and HCV has access to high quality healthcare and curative treatments, free from stigma and discrimination.

# THE OPIOID CRISIS IS FUELING INCREASES IN VIRAL HEPATITIS INFECTIONS

## HIDDEN CASUALTIES



- 3.5 fold increase in hepatitis C (HCV) infections, 2010- 2016
  - highest among 18 – 29 year olds
- 2-fold increase in HCV among pregnant women
- Increases in hepatitis B in states hardest hit by the opioid epidemic
  - > 0.3 increase in FL, IN, KY, ME, MI, NC, OH, TN, and WV
- Unprecedented hepatitis A outbreaks in 18 states affecting homeless and people who inject drugs
  - Since 2016 there have been more than 15,000 cases, 8,500 (57%) hospitalizations, and 140 deaths





# HEPATITIS C IS CURABLE

- Curative treatment is our most effective tool against HCV and can:
  - Improve individuals' health
  - Reduce new infections
  - Reduce deaths
  - Eliminate the public health threat of HCV



# UPDATES ON HCV





# GROWING EVIDENCE OF THE BENEFITS OF HCV CURE

- Improved survival
  - For patients with and without cirrhosis
- Reduced incidence of many extra-hepatic manifestations of HCV
  - Diabetes, renal disease, mood & anxiety disorders, and more
  - Reduced costs of health care for cured patients
- Improvement in symptoms including sleep, pain, fatigue, and functional wellbeing
- Reduced but NOT completely eliminated need for liver cancer surveillance after cure (monitoring recommended for some)



# EXPANDING HCV TREATMENT- WHERE DO WE NEED TO GO

- A comprehensive approach to treating people with substance use disorder is needed!
  - People who achieve an HCV cure are:
    - Slightly less likely to die of a drug overdose
    - Much less likely to die of liver related illness
- Linkage to care and treatment is still challenging with people who inject drugs
- Perfect adherence is not necessary to achieve a cure
- There are low rates of reinfection (1.44 per 100 PY)
  - If reinfection occurs, it is usually soon after treatment and is associated with younger individuals and ongoing injecting



# STRATEGIES TO REDUCE HCV TREATMENT COSTS

States, communities, health systems and health centers are exploring strategies such as:

- Joining together to negotiate group purchasing agreements
- Participating in the 340B program or partnering with a 340B covered entity
- Developing a subscription model of contracting with manufacturers
- Providing co-located care and care coordination to maximize patient outcomes or partnering to do so
- Treating people who use drugs/at risk of transmitting to others to prevent forward transmission



# POLICIES THAT SUPPORT HCV CURE & ELIMINATION

- Assess viral hepatitis burden and access to syringe service programs, testing, and treatment
- Develop comprehensive services for people who use drugs
- Integrate hepatitis C testing and hepatitis A and B vaccination into all programs serving people who are homeless and who use drugs
- Set goals for programs to work toward eliminating hepatitis C, e.g.:

- Increase the proportion of people who are tested for HCV to \_\_\_\_\_%
- Increase the number of providers who treat HCV to \_\_\_\_\_
- Increase the number of patients who are treated for HCV to \_\_\_\_\_



# WORK TOWARD ELIMINATING HEPATITIS C

- The 2017 Report, *A National Strategy for the Elimination of Hepatitis B and C* found that:
  - Hepatitis B & C elimination is possible in the United States
  - Increased support from a broad range of stakeholders will be needed to accomplish elimination
- Use the Partner Planning Guide to convene a group and identify elimination actions and goals for your organization
- Join people from across the United States who are working toward elimination
  - Existing elimination projects are invited! Send info to [Corinna.Dan@HHS.gov](mailto:Corinna.Dan@HHS.gov) to be part of *Mapping Hepatitis Elimination in Action*



# JOIN US IN WORKING TOWARD ELIMINATION

Visit [www.HHS.gov/hepatitis](http://www.HHS.gov/hepatitis) to:

- Subscribe to email and blog updates
- Read the latest blogs
- COMING SOON: Mapping Hepatitis Elimination in Action

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# THANK YOU!!!

- National Viral Hepatitis Action Plan and Partner Planning Guide: [www.HHS.gov/hepatitis](http://www.HHS.gov/hepatitis)
- National Academies Hepatitis Elimination Report: [www.nationalacademies.org](http://www.nationalacademies.org)
- Slide 3 studies:
  - Janjua et al, AASLD 2018, Abstract 0145
  - Rossi et al, AASLD 2018, Abstract 0148
  - Butt A, AASLD 2018, Abstract 980, Singer Abstract 0589
  - Cotter et al, AASLD 2018, Abstract 228, Evon D, Abstract 0149
  - Ioannou AASLD 2018, Abstract 0094, Reddy et al, Abstract 635
- Slide 4 studies:
  - Kraiden et al, AASLD 2018, Abstract 1605
  - Trooskin et al, AASLD 2018, Abstract 1632
  - Kattakhuzy et al AASLD 2018, Abstract 18
  - Rossi et al AASLD 2018, Abstract 1593
  - Grebely et al AASLD 2018, Abstract 52