The Link Between Hepatitis B and Liver Cancer

Prepared for Think About the Link Congressional Families Briefing | June 15, 2017
Hepatitis B Virus

The most common serious liver infection in the world – chronically affecting 240 million worldwide, and over 2 million Americans.

- 1 million new infections annually and 50,000–70,000 in the U.S.
- **Prevention**: Safe and effective 3-dose vaccine - HBV vaccine is first "anti-cancer" vaccine
HBV and Liver Cancer

Left untreated, 1 in 4 will develop liver disease or liver cancer

- HBV causes 700,000 deaths each year worldwide due to cirrhosis, primary liver cancer (HCC), and liver failure
- HBV is #1 cause of liver cancer globally – the 2nd deadliest cancer in the world
- In the U.S., primary liver cancer is the only cancer rising in incidence and mortality rates
- The relative 5-year survival rate is 16.6%
Hepatitis B Health Disparities

- Asian Americans & Pacific Islanders carry 50% of chronic HBV burden
- 5% - 15% infection rates have been found in African-born community-based studies in the U.S.
- Double the rate of liver cancer
- Six times the rate of HBV-related mortality

Did you know that 1 in 12 Asian Americans have Hepatitis B?
Hepatitis B and the Opioid Epidemic

For the first time since 2006, the number of reported cases of acute HBV infection across the country is rising - increased by 20.7% in 2015 alone.

Where?
• Kentucky, Tennessee, and West Virginia: 114% increase (2009-2013)
• North Carolina: 56% increase (2014-2016)

Who is it impacting?
• Rural communities
• Younger population (under 40)
• Non-Hispanic whites
• 30-39 years
• Injection drug users
Only 25% of infected Americans are diagnosed
Less than 10% of all infected Americans are treated
Increasing HBV Awareness and Testing
Real People Sharing their Stories of Hepatitis B

#justB

Everyone has a story.

Honor those who share their stories by getting tested for hepatitis B this month.

www.hepb.org/justb
Kim: #justB courageous

• Please click the link below to view the video:

https://drive.google.com/file/d/0B4Z1QO2r2IIMMGFUWFN5WXpUcTQ/view
The Hepatitis B Foundation is the only national nonprofit organization dedicated to finding a cure and improving the quality of life for those affected by hepatitis B worldwide.

- Drug discovery and early detection methods for cirrhosis and HCC
- Outreach, Education & Support
- Public Health Research
- National Advocacy

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