

Hepatitis B Overview

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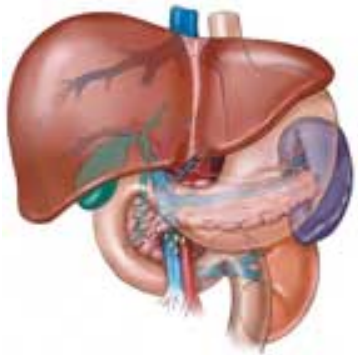


Hepatitis B Foundation

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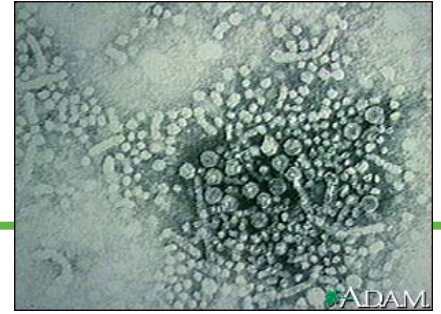


A, B, C's of Viral Hepatitis

	A	B	C
Source of Virus	Feces	Blood, infected body fluids	Blood, infected body fluids
Transmission Route	Fecal-oral	Direct contact with infected body fluids (blood contact, sexual contact)	Direct contact with infected body fluids (blood contact, sometimes sexual contact)
Chronic Infection?	No	Yes	Yes
Vaccine-Preventable?	Yes	Yes	No

Hepatitis A, B and C are all distinct viruses that infect the liver and cause separate illnesses!

Hepatitis B Virus



Definition

- HBV is the most common, serious liver infection in the world
 - Acute vs. chronic infection

Transmission

- Direct blood contact
- Sexual transmission
- From mother to child
 - During the labor and delivery process
 - Most common route worldwide

Prevention

- Safe and effective vaccine, the world's 1st anti-cancer vaccine!
- 3-doses offers lifelong protection

Outcomes of Chronic Infection

- Up to 25% will die prematurely from cirrhosis, primary liver cancer (Hepatocellular Carcinoma (HCC)), liver failure

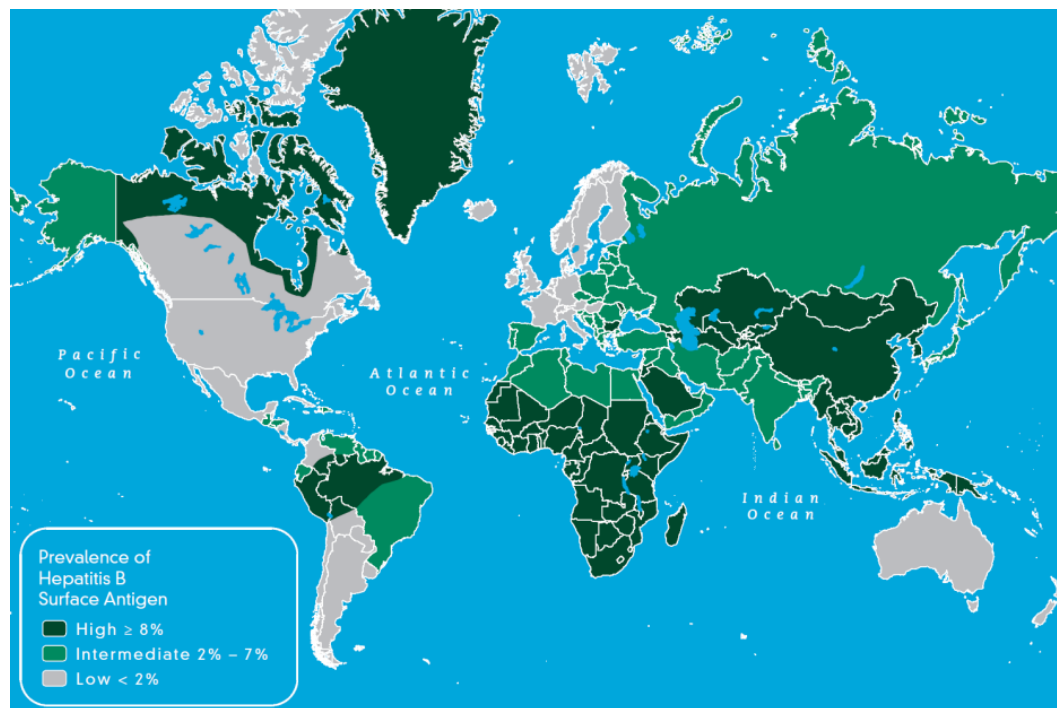
Hepatitis B Statistics

Worldwide:

- 2 billion infections (1/3 of all people)
- 350 million chronic infections
- 67% in Asia and Pacific Islands
- Up to 600,000 deaths per year

In the U.S.:

- 2 million Americans chronically infected
- 50,000-70,000 new infections annually
- Up to 1,000 perinatal infections annually



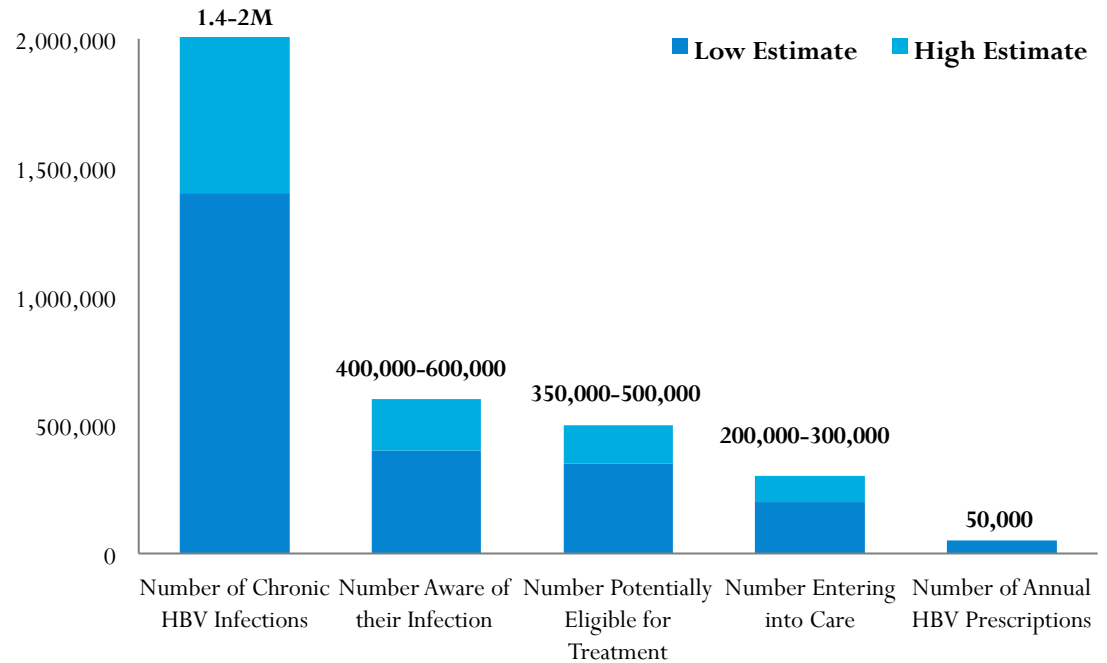
Hepatitis B Health Disparities

Chronic HBV & HCC represent the #1 health disparities for Asians and Pacific Islanders (API) in the U.S.

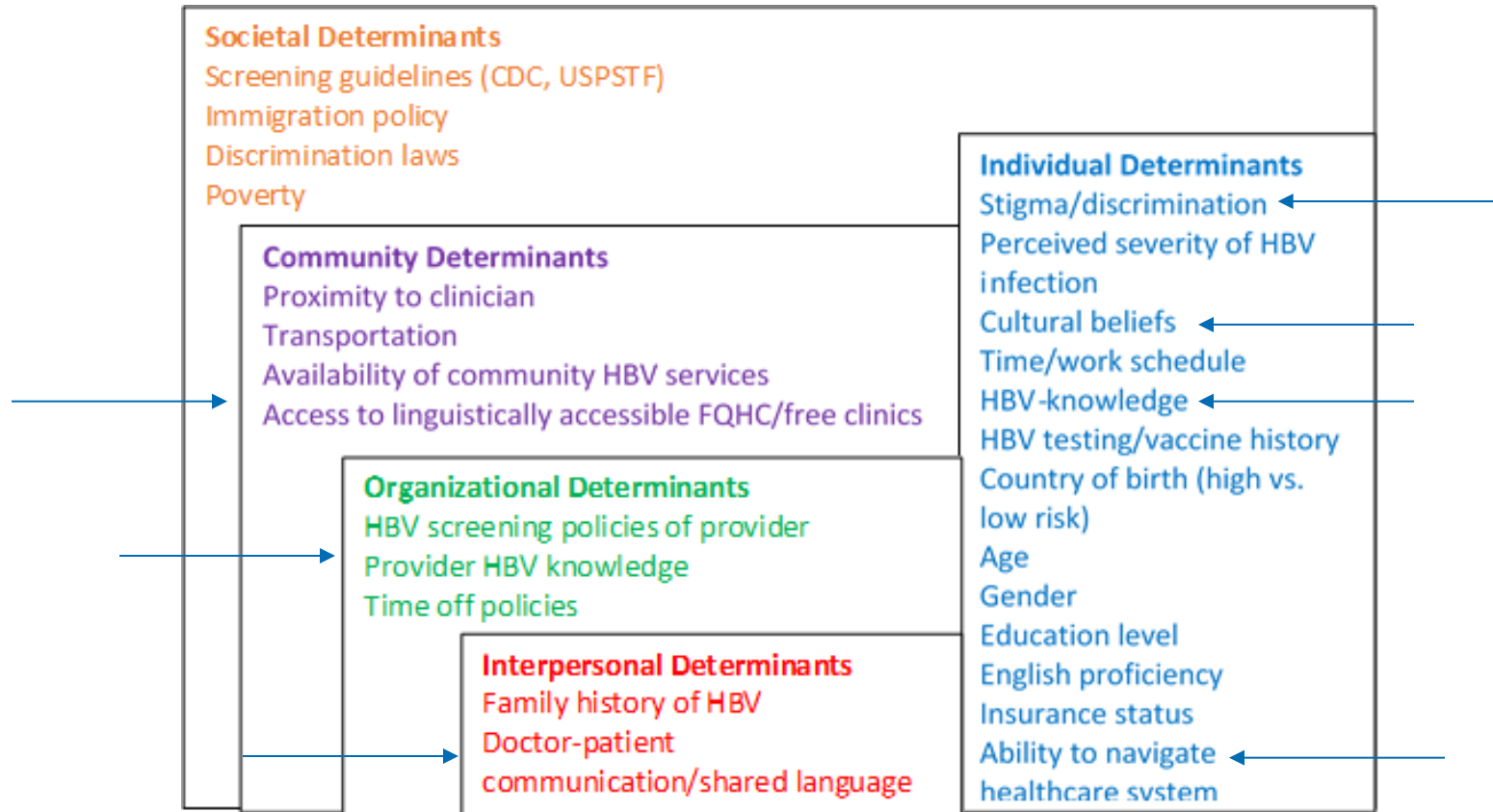
- 50% of U.S. HBV burden occurs in APIs
- Around 10% of APIs in the U.S. are infected with HBV
- Primary liver cancer (HCC) is the 8th leading cause of cancer death in Caucasians, but the the 3rd leading cause of cancer death among APIs
- HCC rates in API men:
 - 13x higher in Vietnamese men
 - 8x higher in Korean men
 - 6x higher in Chinese men
- HBV also disproportionately affects African immigrants

Hepatitis B in the U.S.: Critical Gaps

- Only 30% of infected individuals are diagnosed
- Only 15% of infected individuals enter care
- Less than 3% receive FDA-approved treatment



Barriers to Screening & Linkage to Care



- If a doctor recommends testing, a patient is 4 times more likely to be tested!
- If a doctor recommends testing AND a patient asks for it, they are 8 times more likely to be tested!

Federal & Community Response

- CDC Screening Guidelines: 2008
- IOM Report: 2010
- HHS Viral Hepatitis Action Plan: 2011, 2014
- USPSTF Screening Recommendations: 2014
- Hep B United national coalition
- CDC's **Know Hepatitis B** Campaign



Thank You

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