



How to prevent Liver Cancer?

Liver Cancer & Hepatitis B Screening

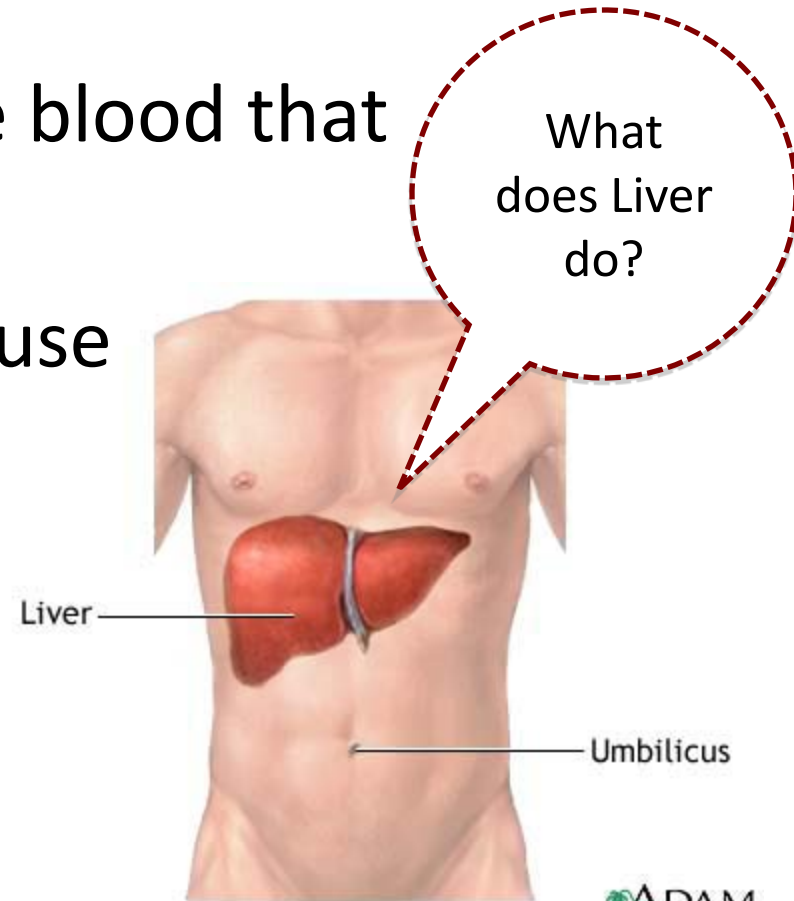
Asian American Liver Cancer Education Program in Maryland

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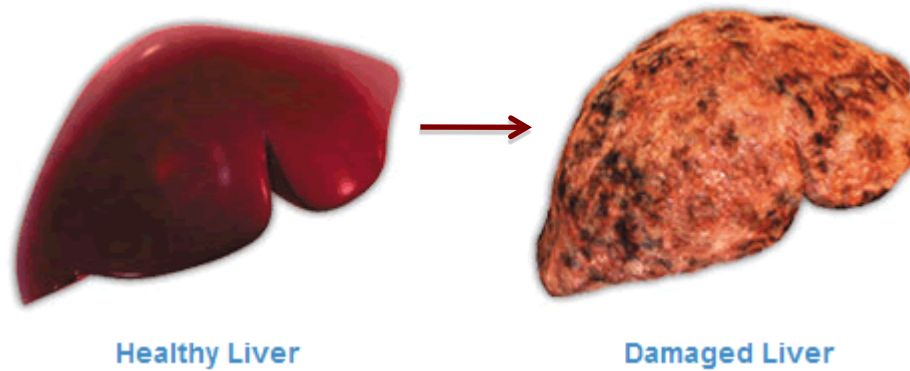
What is Hepatitis B?

- Hepatitis B is a virus in the blood that infects the **liver**
- Chronic Hepatitis B can cause
 - liver damage
 - cirrhosis
 - liver cancer



A.D.A.M. Medical Illustration Team

What does Hepatitis B do?

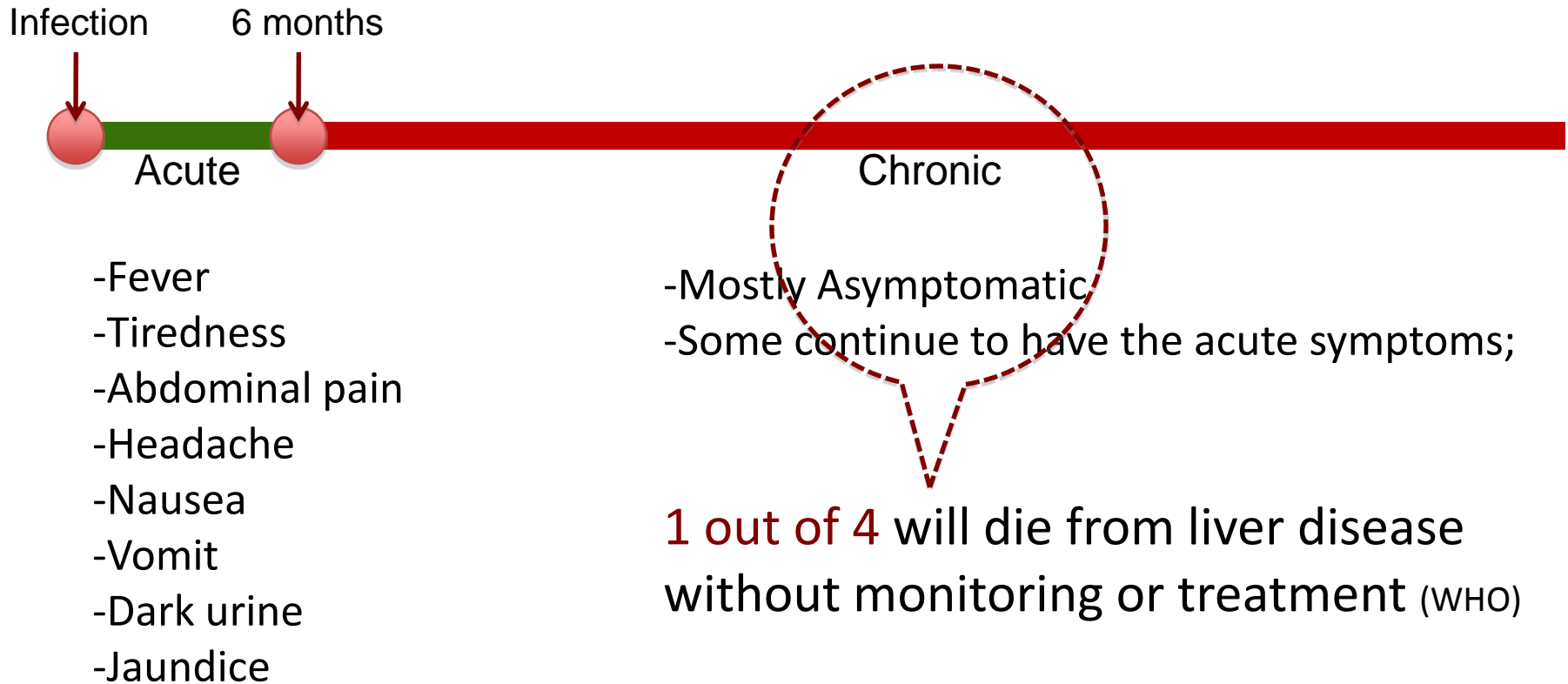


Hepatocellular Carcinoma

Source: http://www.hivandhepatitis.com/hep_b/news/liver_hepa.html



Acute vs. Chronic Hepatitis B



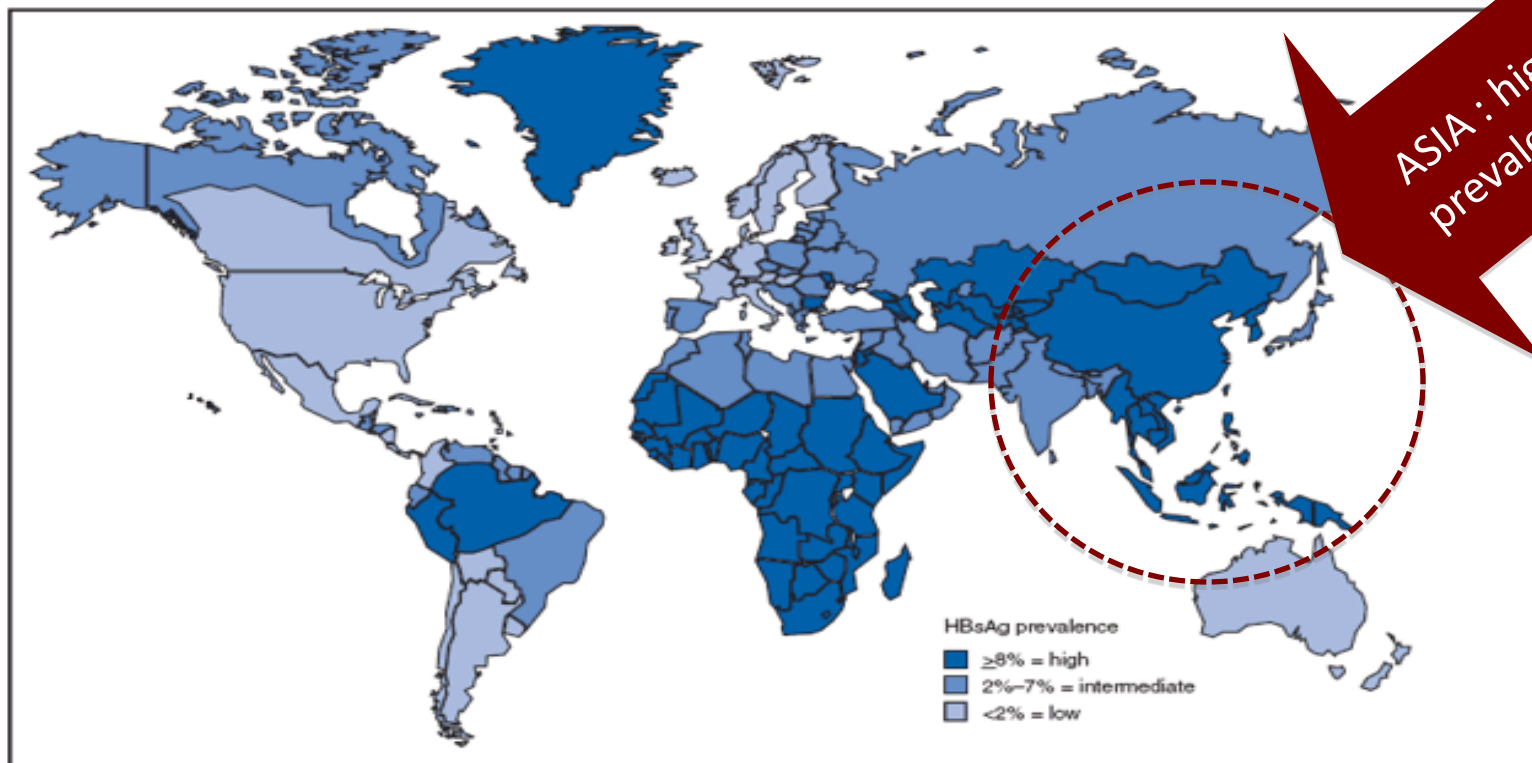


Why should I care?

- You have higher chance of having Hepatitis B
 - You or your parents ; Immigrated from countries with **high prevalence of Chronic Hepatitis B**

Why should I care?

FIGURE 3. Geographic distribution of chronic hepatitis B virus (HBV) infection — worldwide, 2006*



* For multiple countries, estimates of prevalence of hepatitis B surface antigen (HBsAg), a marker of chronic HBV infection, are based on limited data and might not reflect current prevalence in countries that have implemented childhood hepatitis B vaccination. In addition, HBsAg prevalence might vary within countries by subpopulation and locality.

Source: CDC. Travelers' health; yellow book. Atlanta, GA: US Department of Health and Human Services, CDC; 2008. Available at <http://wwwn.cdc.gov/travel/yellowbookch4-HepB.aspx>.

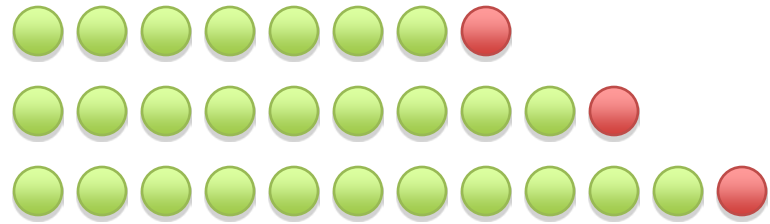
Source: MMWR/CDC



Why should I care?

*Hepatitis B Among Asians in the U.S.

- **1 out of 10** Asian Americans has chronic hepatitis B
 - 1 in 8 Vietnamese Americans
 - 1 in 10 Chinese Americans
 - 1 in 12 Korean Americans
 - 1 in 1000 Caucasian Americans





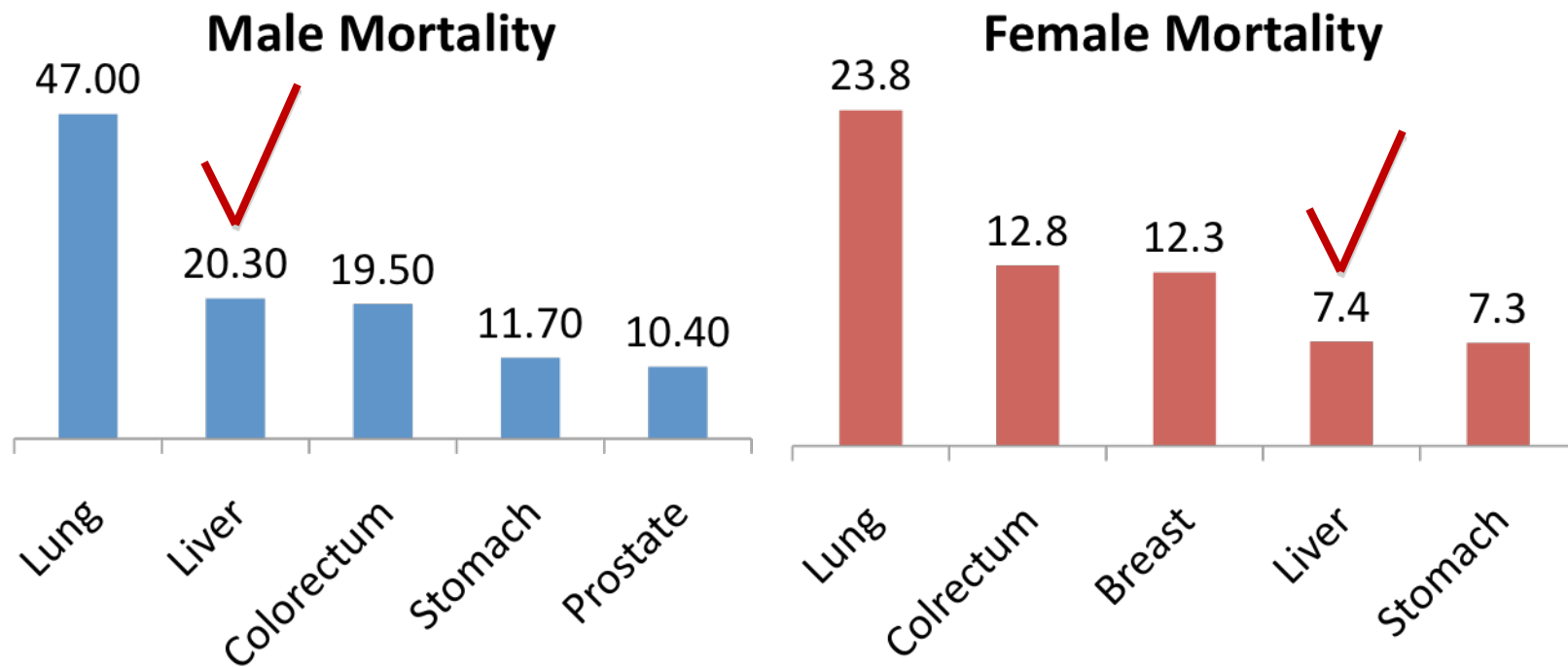
Why should I care?

- ***Liver Cancer** Among Asians in the U.S.
- Asian Americans have the highest liver cancer Incidence rates & Mortality rates



Why should I care?

***Liver Cancer** Among Chinese in the U.S. ; Rankings

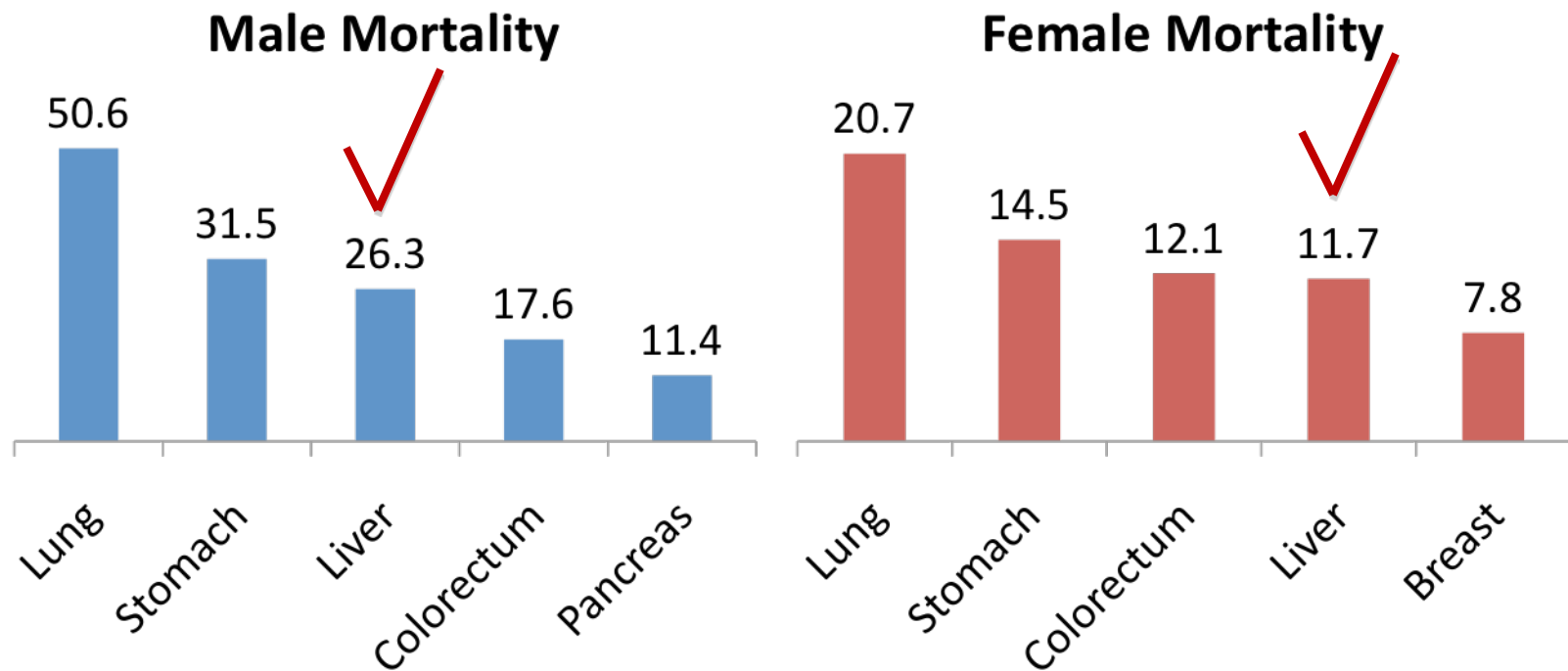


Average annual per 100,000, SEER(2008)



Why should I care?

*Liver Cancer Among Korean in the U.S. ; Rankings

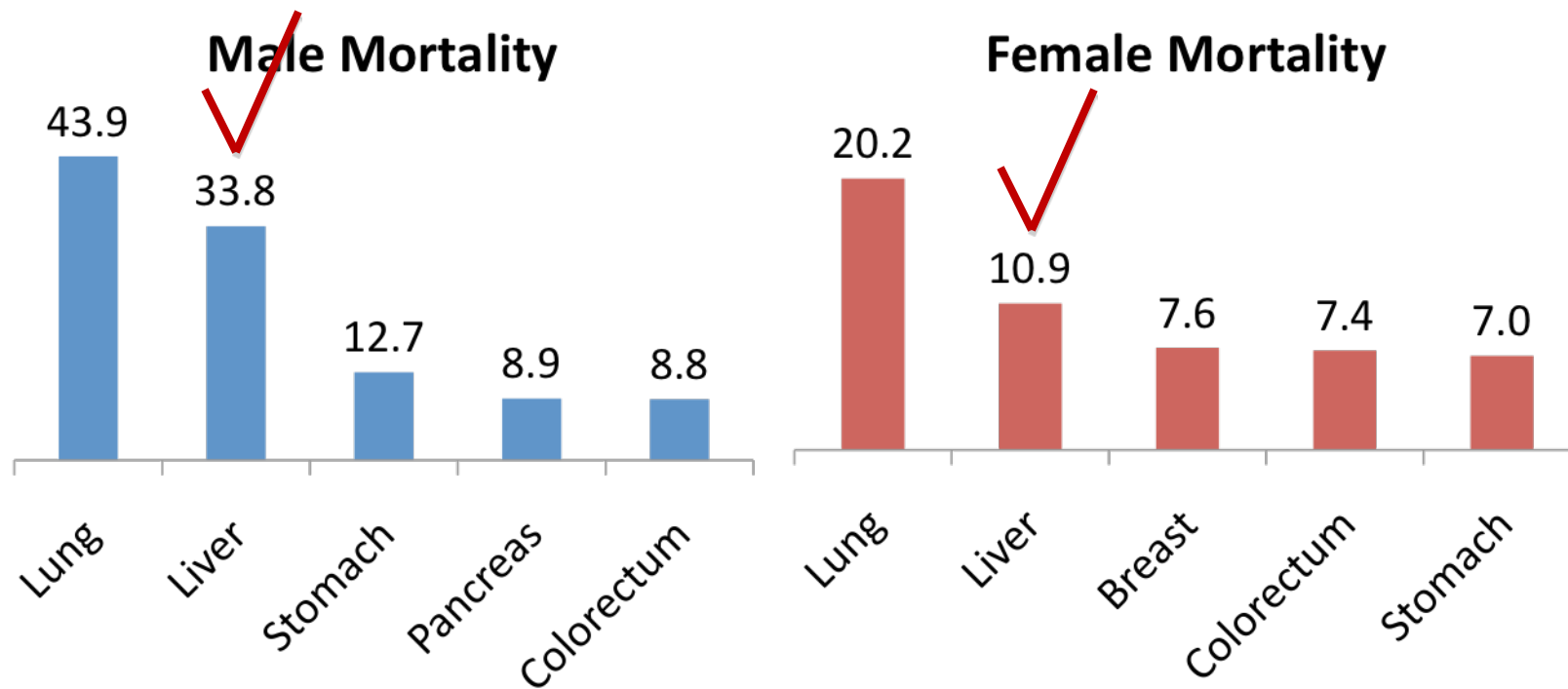


Average annual per 100,000, SEER(2008)



Why should I care?

***Liver Cancer** Among Vietnamese in the U.S. ; Rankings



Average annual per 100,000, SEER(2008)



Why should I care?

- You have higher chance of having Hepatitis B
 - Hepatitis B is 50 to 100 times more infectious than HIV, the AIDS virus

How do I get infected?



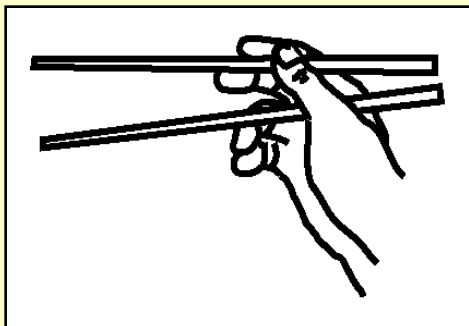
You can get infected by:



How do I get infected?



You **won't** get infected by:

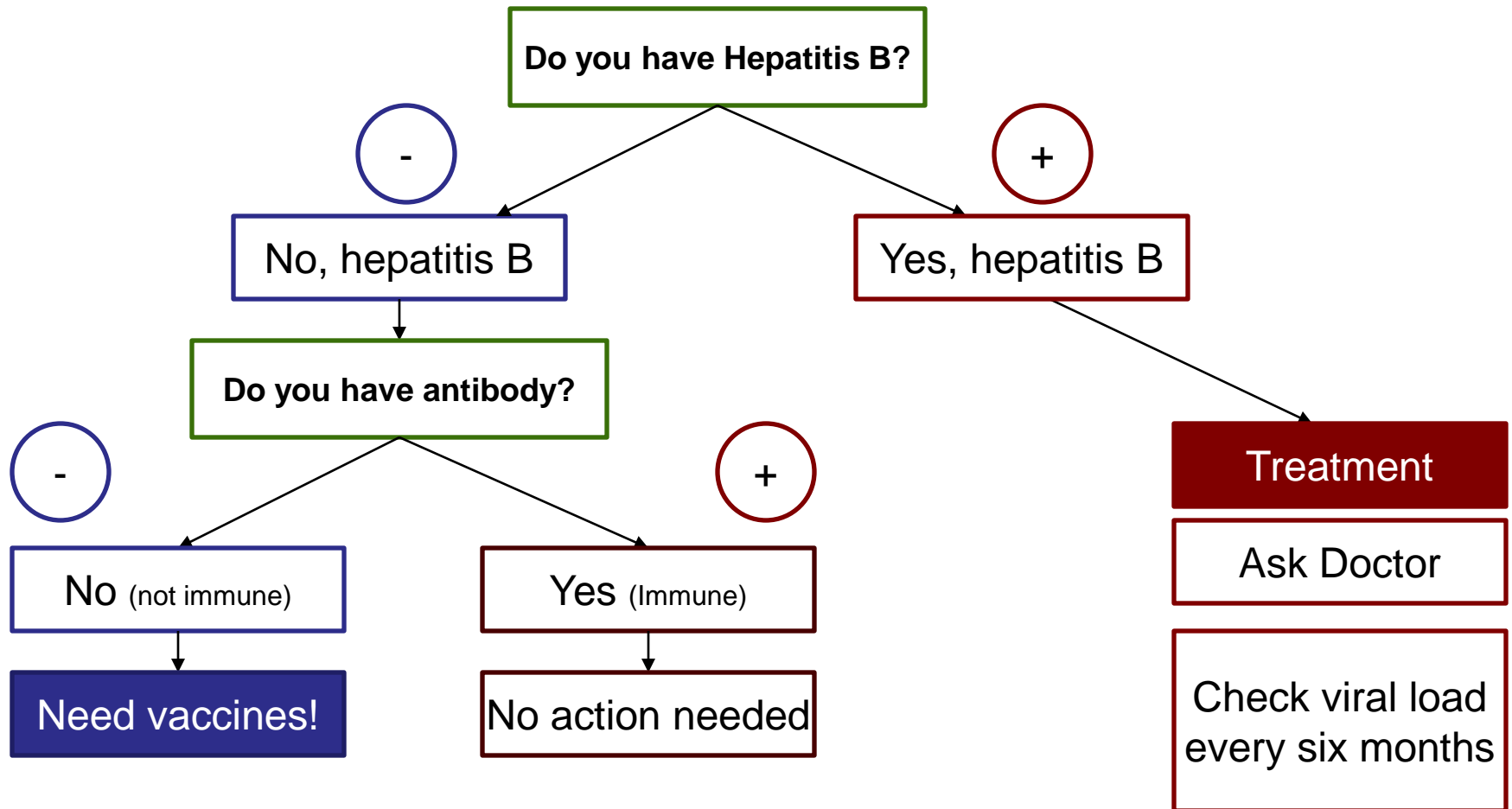


How do I know if I have Hepatitis B?

- The only way to know is...
 - to get a **Hepatitis B screening**
 - ≠** liver function test (LFT)
- A simple blood test
- Testing : antigen and antibody
- Ask your doctor and request one



Hepatitis B Screening





Need vaccines!

Hepatitis B Vaccination

- Get vaccinated
 - 3 shots given over 6 months

1st
Shot

2nd
Shot

3rd
Shot

Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
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Take Home Message

- Chronic Hepatitis B can cause serious liver disease
- Get screening to know your status
 - If you are infected, ask a doctor for **Treatment**
 - If you are not infected and not immunized, **Vaccination**
 - If you are not infected and also immunized, you are free!
- Where to start?



Thank You!

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