HEPATITIS B IN THE UNITED STATES

First generation Asian communities: Why test now?





1 in 4 people with chronic hepatitis B (CHB) develop liver problems such as cirrhosis and liver cancer¹



of persons with CHB develop cirrhosis, HCC, or liver failure, which leads to substantial morbidity and mortality²



PERSONS WITH CHB:

- are 100x more likely to develop liver cancer than uninfected persons³
- A 5-year cumulative risk of developing liver cancer in patients with cirrhosis is 5% to 30%³



 die an average of
 22 years earlier than uninfected persons⁴



APPROXIMATELY 1 IN 12
ASIAN AMERICANS HAVE CHB⁷

CHB-ASSOCIATED LIVER
CANCER IS ONE OF THE
MOST SERIOUS HEALTH
DISPARITIES IN ASIAN
AMERICANS⁷

>80%
UNDIAGNOSED

More than 80% of persons **in the United States** with CHB are undiagnosed⁸



A simple blood test, which is covered by most insurance, will look for 9,10:

✓ HBsAg (hepatitis B surface antigen)

anti-HBs (hepatitis B surface antibody)

anti-HBc (hepatitis B core antibody)

To ensure reimbursement eligibility, confirm with patient's insurance coverage.



References: 1. Centers for Disease Control and Prevention. Hepatitis B questions and answers. CDC website. Updated April 7, 2021. Accessed June 13, 2022. https://www.cdc.gov/knowhepatitisb/fags.htm 2. US Preventive Services Task Force, Krist AH, Dovidson KW, et al. Screening for hepatitis B virus infection in adolescents and adults: US Preventive Services Task Force Recommendation Statement. JAMA. 2003;324(23):4415-422. 3. National Cancer Institute. National Institutes of Health, US Department of Health and Human Services. Liver (Hepatocellular) Cancer Prevention (PDQ*)—Health Professional Version. NCI websites. Updated March 2, 2022. Accessed June 13, 2022. https://www.cancer.gov/types/liver/pr/liver-prevention-pddf*,177_toc-4. Ly KN, Xing. J., Klevens RM, Jules RB, Holmberg SD. Causes of death and characteristics of decedents with viral hepatitis, United States, 2010. Clin Infect Dis. 2014;58(1):40-49. S. Centers for Disease Control and Prevention. Viral hepatitis populations: Asian & Pacific Islanders. CDC website. Updated September 24, 2020. Accessed June 13, 2022. https://www.cdc.gov/hepatitis/populations/Born-Outside-United-States.htm?CDC, AA, refVol=https%304%2F%2Fwww.cdc.gov%2Fhepatitis%2Fopulations%2Fapi.htm 6. Gish RG, Cohen CA, Block JM, et al. Data supporting updated estimates of the prevalence of chronic hepatitis B and C in the United States. JAM 2015;6251339-1341.7. Centers for Disease Control and Prevention. Asian American & Pacific Islander Heritage. CDC website. Published March 3, 2020. Accessed June 13, 2022. https://www.cdc.gov/healthequity/features/asian-pacific/index.html 8. Ogawa E, Yev YH, Dang N, et al. Diagnosis rates of chronic hepatitis B in privately insured patients in the United States. JAMA Netw Open 2020;3(4):e201844. doi:10.10.101/j.manetworkpen.2020.1344.8. Weinbourn CM, Mast EE, Ward JM. Recommendations for identification and public health management of persons with chronic hepatitis B virus infection. Hepatology. 2009;49(Suppl.) 5:385-544. doi:10.1016/j.manetworkpen.2020.134

Test for hepatitis B



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