

HBRN Adult Cohort Study Bibliography

Publications

Brahmania M, Liu S, Wahed AS, Yim C, Hansen BE, Khalili M, Terrault NA, Lok AS, Ghany M, Wang J, Wong D, Janssen HLA for the Hepatitis B Research Network. [Alcohol, Tobacco and Coffee Consumption and Liver Disease Severity Among Individuals with Chronic Hepatitis B Infection in North America](#). *Ann Hepatol*. 2020 Jul-Aug; 19(4):437-445. doi: 10.1016/j.aohp.2020.01.005. PMID: PMC7757603.

Brahmania M, Lombardero M, Hansen BE, Terrault NA, Lok AS, Perrillo RP, Belle SH, Di Bisceglie AM, Feld JJ, Lee WM, Fried MW, Janssen HLA for the Hepatitis B Research Network. [Association Between Severe Serum Alanine Aminotransferase Flares and Hepatitis B e Antigen Seroconversion and HBV DNA Decrease in Untreated Patients with Chronic HBV Infection](#). *Clin Gastroenterol Hepatol*. 2019 Nov; 17(12):2541-2551.e2. doi: 10.1016/j.cgh.2019.02.005. PMID: PMC6905460.

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Di Bisceglie AM, King WC, Lisker-Melman M, Khalili M, Belle SH, Feld JJ, Ghany MG, Janssen HLA, Lau D, Lee WM, Ling SC, Rosenthal P, Schwarz KB, Sterling RK, Teckman JH, Terrault NA for the Hepatitis B Research Network (HBRN). [Age, Race, and Viral Genotype are Associated with the Prevalence of Hepatitis B E Antigen in Children and Adults with Chronic Hepatitis B](#). *J Viral Hepat*. 2019 Jul; 26(7):856-865. doi: 10.1111/jvh.13104. PMID: PMC6592737.

Di Bisceglie AM, Lombardero M, Teckman J, Roberts L, Janssen HLA, Belle SH, Hoofnagle JH for the Hepatitis B Research Network. [Determination of Hepatitis B Phenotype Using Biochemical and Serological Markers](#). *J Viral Hepat*. 2017 Apr; 24(4):320-329. doi: 10.1111/jvh.12643. PMID: PMC5733779.

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Evon DM, Lin HS, Khalili M, Fontana RJ, Yim C, Wahed AS, Fried MW, and Hoofnagle JH for the Hepatitis B Research Network (HBRN). [Patient-Reported Outcomes in a Large North American Cohort Living with Chronic Hepatitis B Virus: A Cross-Sectional Analysis](#). *Aliment Pharmacol Ther*. 2020 Feb; 51(4):457-468. doi: 10.1111/apt.15618. PMID: PMC6989387.

Evon DM, Wahed AS, Johnson G, Khalili M, Lisker-Melman M, Fontana RJ, Sarkar S, Reeve BB, and Hoofnagle JH for the Hepatitis B Research Network (HBRN). [Fatigue in Patients with Chronic Hepatitis B living in North America: Results from the Hepatitis B Research Network \(HBRN\)](#). *Dig Dis Sci*. 2016 Apr; 61(4):1186-96. doi: 10.1007/s10620-015-4006-0. PMID: PMC4791302.

Feld JJ, King WC, Ghany MG, Chang KM, Terrault N, Perrillo RP, Khalili M, Hinerman AS, Janssen HLA, Lok AS for the Hepatitis B Research Network (HBRN). [Characteristics of Older Patients With Immunotolerant Chronic Hepatitis B Virus Infection](#). *Clin Gastroenterol Hepatol*. 2022 July 16; S1542-3565(22)00653-X. doi: 10.1016/j.cgh.2022.06.015. Online ahead of print. PMID: 35843468.

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[Results from a Prospective, Multicenter Study](#). *Hepatol Commun*. 2023;7:e0116. doi: 10.1097/HC9.0000000000000116.

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Khalili M, Shuhart MC, Lombardero M, Feld JJ, Kleiner DE, Chung RT, Terrault NA, Lisker-Melman M, Sanyal A, and Lok AS for the Hepatitis B Research Network (HBRN). [The Relationship Between Metabolic Syndrome, Alanine Aminotransferase Levels and Liver Disease Severity in a Multiethnic North American Cohort with Chronic Hepatitis B](#). *Diabetes Care*. 2018 Jun; 41(6): 1251-1259. doi: 10.2337/dc18-0040. PMID: PMC5961397.

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Sterling RK, Wahed AS, Cloherty G, Hoofnagle JH, Lee WM for the Hepatitis B Research Network. [Acute Hepatitis B Virus Infection in North American Adults](#). *Clin Gastroenterol Hepatol*. 2022 Sep 16;S1542-3565(22)00876-X. doi: 10.1016/j.cgh.2022.09.004. Online ahead of print. PMID: PMC10017371

Terrault NA, Wahed AS, Feld JJ, Cooper SL, Ghany MG, Lisker-Melman M, Perrillo R, Sterling RK, Khalili M, Chung RT, Rosenthal P, Fontana RJ, Sarowar A, Lau DTY, Wang J, Lok AS, Janssen HLA. [Incidence and Prediction of HBsAg Seroconversion in a Prospective Multi-Ethnic HBeAg-Negative Chronic Hepatitis B Cohort](#). *Hepatology*. 2021 Mar; 75(3):709-723. doi: 10.1002/hep.32231. PMID: PMC8943823.

Zhou K, Wahed AS, Cooper S, Di Bisceglie AM, Fontana RJ, Ghany MG, Khalili M, Lok AS, Perrillo RP, Lee WM, Lau DT, Sterling RK, Janssen HLA, Terrault NA. [Phase Transition is Infrequent Among North American Adults with e-Antigen Negative Chronic Hepatitis B and Low-level Viremia](#). *Am J Gastroenterol*. 2019 Nov; 114(11):1753-1763. doi: 10.14309/ajg.0000000000000400. PMID: PMC6832838.

In addition, the HBRN has had the following presentations at national and international meetings

American Association for the Study of Liver Diseases (AASLD)

AASLD 2012

Wong DK, Ghany MG, Khalili M, Sterling RK, Lau D, DiBisceglie AM, Terrault N, and Lok AS. **Hepatitis B in North America: Patients Screened for the Hepatitis B Research Network (HBRN) Adult Cohort Study**. *Hepatology* 2012; 56 (Suppl. 1):361A.

AASLD 2013

Bzowej NH, Tran TT, Li R, Belle SH, Smith C, Terrault N, Khalili M, Tsai N, and Lau D. **ALT Flares are Infrequent During the Course of Pregnancy: Prospective Study from the Hepatitis B Research Network (HBRN) Adult Cohort Study**. *Hepatology* 2013; 58 (Suppl. 1):646A.

Evon DM, Wahed AS, Johnson G, Khalili M, Lisker-Melman M, and Hoofnagle JH. **Fatigue in Patients with Chronic Hepatitis B not on Treatment from the U.S. and Canada: Preliminary Results from the Hepatitis B Research Network (HBRN)**. *Hepatology* 2013; 58 (Suppl. 1):630A.

Hassan MA, Smith C, Li R, Fried MW, Sterling RK, Ghany MG, Wahed AS, and Kim WR. **Differences in Epidemiological and Clinical Characteristics in US- Versus Foreign-Born Americans of African Descent with Chronic Hepatitis B Enrolled in the HBRN Cohort**. *Hepatology* 2013; 58 (Suppl. 1):635A.

Khalili M, Sanyal AJ, Cloonan YK, Ghany MG, Kim WR, Chung RT, Terrault N, Brunt EM, Lau D, Lisker-Melman M, and Lok AS. **Factors Associated with Diabetes and Prediabetes in HBV-Infected Patients Residing in North America: Results from the Hepatitis B Research Network (HBRN)**. *Hepatology* 2013; 58 (Suppl. 1):513A.

Tran TT, Bzowej NH, Li R, Yim C, Khalili M, Terrault N, Smith C, Tsai N, and Lau D. **Hepatitis B Research Network (HBRN): Maternal Knowledge of Children's Hepatitis B Infection and Vaccination Status**. *Hepatology* 2013; 58 (Suppl. 1):622A.

Yim C, Cloonan, YK, Janssen HL, Feld JJ, Khalili M, and Wong DK. **Alcohol and Tobacco Use are Infrequent in North American Adults with Chronic Hepatitis B (HBV): Results from the NIDDK-Sponsored Hepatitis B Research Network (HBRN) Adult Cohort Study**. *Hepatology* 2013; 58 (Suppl. 1):365A.

AASLD 2014

Lau D, Ganova-Raeva L, Chung RT, Johnson G, Chang KM, Lisker-Melman M, Shaikh OS, Janssen HL, Wahed AS, Lok AS. **Prevalence of Precore and Dual Basal Core Promoter HBV Variants in a Racially Diverse Cohort of Patients with Chronic HBV Infection in North America.** *Hepatology* 2014; 60 (Suppl. 1):970A.

AASLD 2015

Di Bisceglie AM, Lombardero M, Teckman J, Roberts LR, Janssen HL, Belle SH, Hoofnagle JH for the Hepatitis B Research Network (HBRN) Investigators. **Objective Determination of Hepatitis B Phenotype using Biochemical and Serological Markers: Immune Tolerant, Immune Active, Inactive Carrier and Indeterminant Status.** *Hepatology* 2015; 62 (Suppl. 1):271A.

Lee WM, Cloonan YK, Schwarz KB, Dao DY, Lok AS for the Hepatitis B Research Network. **Prevalence and Serological Features of Chronic Hepatitis B Patients with Concurrent HBsAg and Anti-HBs in the Hepatitis B Research Network (HBRN).** *Hepatology* 2015; 62 (Suppl 1):968A.

AASLD 2017

Brahmania M, Lombardero M, Hansen BE, Terrault N, Lok AS, Perrillo R, Belle SH, Di Bisceglie A, Feld JJ, Lee WM, Fried MW, Janssen HL for the Hepatitis B Research Network. **ALT Flares are Associated with Increased Rates of HBeAg Seroconversion and HBV DNA Decline in Chronic Hepatitis B Infection: A Prospective Cohort Study from the Hepatitis B Research Network (HBRN).** *Hepatology* 2017; 66 (Suppl. 1):1010A-1011A.

Lau D, Cloonan YK, Ganova-Raeva L, Liu S, Chung RT, Lisker-Melman M, Chang KM, Shaikh OS, Janssen HL, Lok AS for the Hepatitis B Research Network (HBRN). **High Prevalence of Naturally Occurring HBV Variants Across HBV Phenotypes and Genotypes in Racially Diverse Patients with Chronic Hepatitis B in the United States and Canada.** *Hepatology* 2017; 66 (Suppl. 1):1001A-1002A.

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AASLD 2018

Di Bisceglie AM, Lisker-Melman M, King WC, Khalili M, Belle S, Chang KM, Cooper S, Feld JJ, Ghany MG, Janssen HLA, Lau D, Lee WM, Ling SC, Roberts LR, Rosenthal P, Schwarz KB, Shaikh OS, Sterling RK, Teckman JH, Terrault N, Doo E, Hoofnagle JH. **Prevalence of Hepatitis B e Antigen Varies by Age, Race and Genotype: Data from a Large North American Cohort of Adults and Children in the Hepatitis B Research Network (HBRN).** *Hepatology* 2018; 68 (Suppl. 1):1205A.

AASLD 2019

Evon DM, Lin H-H, Khalili M, Fontana RJ, Yim CK, Wahed A, Fried MW, Hoofnagle JH, and the Hepatitis B Research Network (HBRN). **Patient-reported Outcomes Associated with Chronic Hepatitis B Viral (HBV) Infection in a Large North American Cohort: A Cross-sectional Analysis.** *Hepatology* 2019; 70 (Suppl. 1):458A.

Khalili M, Kleiner D, King W, Sterling RK, Ghany MG, Chung RT, Rosenthal P, Lisker-Melman M, Ramachandran R, Bhan A, Lok AS, and the Hepatitis B Research Network (HBRN). **Hepatic Fat and Steatohepatitis in a Large Multiethnic North American Cohort of Adults and Children with Chronic Hepatitis B.** *Hepatology* 2019; 70 (Suppl. 1):107A.

Lok AS, Janssen HLA, Lalama C, Fried MW, Belle S, Perrillo RP, Ghany MG, Khalili M and Hepatitis B Research Network (HBRN). **Low Incidence of Clinical Outcomes in Patients with Chronic HBV Infection in the Era of Nucleos(t)ide Analogue (NA) Therapy: Report From the Hepatitis B Research Network (HBRN) Adult Cohort Study.** *Hepatology* 2019; 70 (Suppl. 1):580A-581A.

Terrault N, Wang J, Ghany MG, Feld JJ, Khalili M, Rosenthal P, Fontana RJ, Lisker-Melman M, Sterling RK, Chung RT, Janssen HLA. **Incidence of HBsAg Loss and HBeAg Seroreversion Among Adults and Children with HBeAg-negative Chronic Hepatitis B: Prospective Analysis of a Multi-ethnic North American Cohort.** *Hepatology* 2019; 70 (Suppl. 1):586A-587A.

AASLD 2020

Evon DM, Lin HS, Fontana RJ, Khalili M, Yim CK, Wahed AS, Hoofnagle JH. **Symptoms of Chronic Liver Disease are Associated with Higher Risk of Adverse Clinical Outcomes: A Longitudinal Study in a Large Cohort of North American Adults with Chronic Hepatitis B.** *Hepatology* 2020; 72 (Suppl. 1):470A.

Ghany MG, Wahed AS, Feld JJ, Lisker-Melman M, Khalili M, Wang J, Belle S, Terrault N. **Indeterminant Phenotypes of HBeAg-negative Chronic Hepatitis B and Predictors of Transition to Inactive or Active Disease: Outcomes of a Prospective North American Cohort.** *Hepatology* 2020; 72 (Suppl. 1):464A.

AASLD 2021

Feld JJ, King W, Ghany MG, Chang KM, Terrault N, Perrillo RP, Hinerman A, Janssen HLA, Lok AS. **Characteristics of Older Patients with Immunotolerant Chronic Hepatitis B Virus Infection in the Hepatitis B Research Network (HBRN) Adult Cohort.** *Hepatology* 2021; 74 (Suppl. 1):447A.

European Association for the Study of the Liver (EASL)

EASL 2014

Brahmania M, Brouwer WP, Lombardero M, Perrillo RP, Kim WR, Feld JJ, Wong DK, and Janssen HLA for the Hepatitis B Research Network. **Prediction of ALT Flares in the Natural History of Chronic Hepatitis B Infection: A Prospective Cohort Study from the NIDDK Hepatitis B Research Network (HBRN).** *Journal of Hepatology* 2014; 60 (Suppl. 1):S283.

Brouwer WP, Cloonan YK, Feld JJ, Perrillo RP, Fried MW, Wong DK, and Janssen HLA for the NIDDK-Sponsored Hepatitis B Research Network (HBRN). **Hepatitis B Surface Antigen (HBsAg) Levels Differ Across HBV Genotype and Phenotype: Results from the Adult Cohort Study of the NIDDK-Sponsored Hepatitis B Research Network.** *Journal of Hepatology* 2014; 60 (Suppl. 1):S49.

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Khalili M, Lombardero M, Feld J, Shuhart M, Chung R, Terrault N, Kowdley K, Lisker-Melman M, Ghany M, Kim WR, Sanyal A, Lok A, Hepatitis B Research Network (HBRN). **The Impact of Metabolic Syndrome on ALT Levels Among the Large Multiethnic Cohort of North American Patients with Chronic Hepatitis B Infection Enrolled in the Hepatitis B Research Network (HBRN).** *Journal of Hepatology* 2015; 62 (Suppl. 2):S729.

Digestive Disease Week (DDW)

DDW 2019

Sterling RK, Wahed AS, Di Bisceglie AM, Lisker-Melman M, Wong D, Lee WM. **Differences in Clinical and Serological Characterization of Acute and Chronic Hepatitis B in North America: Analysis of the Hepatitis B Research Network.** *Gastroenterology* 2019; 156 (Suppl. 1):S1291.

DDW 2020

Kleiner D, Wahed A, Bhan AK, Nalesnik MA, Choi E-Y, Ramachandran R, Leonard K, Di Bisceglie A, Ghany MG, Chung RT, Lisker-Melman M. **Association Between Immunohistochemical Staining for HBV Antigens in Liver Biopsies and Circulating HBV DNA and Other Characteristics of HBV Viral Infection.** *Gastroenterology* 2020; 158 (Suppl. 1):S1273-1274.

DDW 2022

Hassan M, Leonard KR, Ghany MG, Khalili M, Roberts LR, Sterling RK, Belle SH, Lok AS. **Treatment Initiation and Outcomes of African Americans and Non-African Americans with Chronic Hepatitis B Virus (HBV) Infection.** *Gastroenterology* 2022; 162(7 Suppl):S1186.

International Symposium on Viral Hepatitis and Liver Disease (ISVHLD) Global Hepatitis Summit

2018

Terrault N, Bzowej N, Tran T, Li R, Belle S, Smith C, Khalili M, Chung R, and Tsai N for the Hepatitis B Research Network (HBRN). **Serum ALT Flares During Pregnancy in Prospectively Monitored Women with Chronic Hepatitis B Infection.** *J Viral Hepat.* 2018; 25 (Suppl. 2):195-196.