

Publications

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Title	URL	Authors	Journal
Modeling 5-Year Hepatocellular Carcinoma Risk in Alaska Native Peoples With Hepatitis B Virus Infection	https://www.ghadvances.org/article/S2772-5723(25)00048-2/fulltext	Xiaohong Li, Janet M. Johnston, Chriss Homan, Tracey L. Marsh, Nicole J. Kim, Yongjun Liu,4 Trang VoPham, William M. Grady, Jorge Mera, Brian J. McMahon, George N. Ioannou, Ziding Feng, Qianchuan He	Gastro Hep Advances 2025;4:100661
Hepatitis B Care and Treatment in Zanzibar, Tanzania: A Demonstration Project Following 2015 WHO Treatment Guidelines, 2017-2021	https://pubmed.ncbi.nlm.nih.gov/39707980/	Said SS, Shadaker S, McMahon BJ, Armstrong PA, Beckett GA, Kamili S, Harris AM	J Viral Hepat. 2025 Jan;32(1):e14051
Factors associated with hepatitis A seropositivity at 23 years after childhood vaccination	https://doi.org/10.1093/ofid/ofae417	Heather M Scobie, Susan Negus, Timothy Stevenson, Sara Bressler, Dana Bruden, Brenna C Simons, Mary Snowball, Megan G Hofmeister, Michael Bruce, Lisa Townshend-Bulson, Marc Fischer, Brian McMahon	Oxford Academic, Open Forum Infectious Diseases, Published: 18 July 2024
Rate and durability of clearance of hepatitis B surface antigen in Alaska Native persons with long-term hepatitis B virus infection: 1982-2019	https://pubmed.ncbi.nlm.nih.gov/37939079/	Bruden D, McMahon BJ, Snowball M, Towshend-Bulson L, Homan C, Johnston JM, Simons BC, Bruce MG, Cooley L, Spradling PR, Harris AM.	Hepatology. 2023 Nov 7. doi: 10.1097/HEP.0000000000000658. Online ahead of print.
Autoimmune Hepatitis and Overlap Syndrome among Alaska Native People: Prevalence, Clinical Characteristics and Remission	https://doi.org/10.1002/jgh3.12946	Janet M. Johnston, Brian McMahon, Lisa Townshend-Bulson, Julia Plotnik, Paarth Jain, Meggan Judge, Wileina Rhodes, Chriss Homan	JGH Open, Epub 2023 Jul 20.
Comparison of HBV DNA and RNA markers in Alaska Native people who did and did not clear hepatitis B surface antigen	https://doi.org/10.1111/jvh.13867	Johnston, JM, McMahon, B, Simons, BC, Homan, C	J Viral Hepat. 2023; 00: 1- 4.
Addressing racial and ethnic disparities in US liver cancer care	https://pubmed.ncbi.nlm.nih.gov/37347221/	Kim NJ, Cravero A, VoPham T, Vutien P, Carr R, Issaka RB, Johnston J, McMahon B, Mera J, Ioannou GN.	Hepatol Commun. 2023 Jun 22;7(7):e00190. doi: 10.1097/HC9.0000000000000190. eCollection 2023 Jul 1.
Opportunities to address gaps in early detection and improve outcomes of liver cancer	https://doi.org/10.1093/jncics/pkad034	Brian McMahon, MD, Chari Cohen, DrPH, MPH, Robert S Brown Jr, MD, MPH, Hashem El-Serag, MD, MPH, George N Ioannou, MD, MS, Anna S Lok, MD, Lewis R Roberts, MB, ChB, PhD, Amit G Singal, MD, Timothy Block, PhD	JNCI Cancer Spectrum, Volume 7, Issue 3, June 2023, pkad034
Protection and antibody levels 35 years after primary series with hepatitis B vaccine and response to a booster dose	https://pubmed.ncbi.nlm.nih.gov/35320592/	Bruce MG, Bruden D, Hurlburt D, Morris J, Bressler S, Thompson G, Lecy D, Rudolph K, Bulkow L, Hennessy T, Simons BC, Weng MK, Nelson N, McMahon BJ.	Hepatology. 2022 Oct;76(4):1180-1189. doi: 10.1002/hep.32474. Epub 2022 May 19.
An Evidence-based Practical Guide to Vaccination for Hepatitis B Virus	https://pubmed.ncbi.nlm.nih.gov/35389923/	Jacobson IM, Brown RS Jr, McMahon BJ, Perrillo RP, Gish R.	J Clin Gastroenterol. 2022 Jul 1;56(6):478-492. doi: 10.1097/MCG.0000000000001695. Epub 2022 Apr 7.
Mortality among Alaska Native Adults with Confirmed Hepatitis C Virus Infection Compared with the General Population in Alaska, 1995-2016	https://pubmed.ncbi.nlm.nih.gov/35178364/	Bressler SS, Bruden D, Nolen LD, Bruce MG, Towshend-Bulson L, Spradling P, McMahon BJ.	Can J Gastroenterol Hepatol. 2022 Feb 8;2022:2573545. doi: 10.1155/2022/2573545. eCollection 2022.
The Alaska Native/American Indian experience of hepatitis C treatment with sofosbuvir-based direct-acting antivirals	https://doi.org/10.1371/journal.pone.0260970	Lisa Townshend-Bulson, Elena Roik, Youssef Barbour, Dana Bruden, Chriss Homan, Hannah Espera, Tim Stevenson, Annette Hewitt, Wileina Rhodes, Jim Gove, Julia Plotnik, Mary Snowball, John McGilvray, Brenna C. Simons, Brian McMahon	PLoS One. 2021 Dec 2;16(12):e0260970. doi: 10.1371/journal.pone.0260970.
HBV Genotype: A Significant Risk Factor in Determining Which Patients With Chronic HBV Infection Should Undergo Surveillance for HCC: The Hepatitis B Alaska Study	https://pubmed.ncbi.nlm.nih.gov/34292609/	McMahon BJ, Nolen S, Snowball M, Homan C, Negus S, Roik E, Spradling PR, Bruden D	Hepatology: 2021 Dec;74(6):2965-2973. doi: 10.1002/hep.32065. Epub 2021 Sep 20.
Attacking the public health crisis of hepatocellular carcinoma at its roots	https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.32741	Lee HM, Lidofsky SD, Taddei TH, Townshend-Bulson LJ.	Hepatology. 2022 Aug 21. doi: 10.1002/hep.32741. Online ahead of print.
Hepatitis A vaccine immunogenicity 25 years after vaccination in Alaska	https://pubmed.ncbi.nlm.nih.gov/33448443/	Ramaswamy M, Bruden D, Nolen LD, Mosites E, Snowball M, Nelson NP, Bruce M, McMahon BJ	J Med Virol. 2021 Jun;93(6):3991-3994. doi: 10.1002/jmv.26327. Epub 2020 Aug 25
Vaccination Status of Alaska Native Persons With Hepatitis A Virus Infection-Alaska, 1996-2018	https://www.ncbi.nlm.nih.gov/pubmed/32968772	Plumb ID, Gounder PP, Nolen LD, Massay SC, Castrodale L, McLaughlin J, Snowball M, Homan C, Nelson NP, Singleton R, Bruce MG, McMahon BJ	Clin Infect Dis. 2021 Jun 15;72(12):2212-2214. doi: 10.1093/cid/ciaa1102.
Immunogenicity of the hepatitis A vaccine 20 years after infant immunization	https://www.ncbi.nlm.nih.gov/pubmed/32535018	Mosites E, Seeman S, Negus S, Homan C, Morris J, Nelson NP, Spradling PR, Bruce M, McMahon B.	Vaccine. 2020 Jun 10:S0264-410X(20)30724-6. doi: 10.1016/j.vaccine.2020.05.069. Online ahead of print.
Presence of cagPAI genes and characterization of vacA s, i and m regions in Helicobacter pylori isolated from Alaskans and their association with clinical pathologies.	https://www.ncbi.nlm.nih.gov/pubmed/32011229	Miernyk KM, Bruden D, Rudolph KM, Hurlburt DA, Sacco F, McMahon BJ, Bruce MG	J Med Microbiol. 2020 Feb;69(2):218-227. doi: 10.1099/jmm.0.001123. Epub 2020 Feb 3.
Patterns of HBeAg and HBsAg clearance among a treatment-naïve Alaskan Cohort in a long-term observational study.	https://www.ncbi.nlm.nih.gov/pubmed/32043714	Shah PA, Kaur S, Simons B, Talat A, McMahon B, Lau DTY.	J Viral Hepat. 2020 Jun;27(6):644-646. doi: 10.1111/jvh.13271. Epub 2020 Mar 4.
Cascade of Care for Alaska Native People with Chronic Hepatitis C Virus Infection: Statewide Program with High Linkage to Care.	https://www.ncbi.nlm.nih.gov/pubmed/31504307	McMahon BJ, Townshend-Bulson L, Homan C, Gounder P, Barbour Y, Hewitt A, Bruden D, Espera H, Plotnik J, Gove J, Stevenson TJ, Luna SV, Simons BC.	Clin Infect Dis. 2020 Apr 15;70(9):2005-2007. doi: 10.1093/cid/ciz832.

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Risk-Based Prenatal Hepatitis C Testing Practices and Results, Alaska 2013-2016	https://www.ncbi.nlm.nih.gov/pubmed/31275902	Nolen LD, Gustin C, Seeman S, Murphy N, Truitt S, Schillie S, Bruce MG, Bruden D, Tiesinga J, McMahon B.	Can J Gastroenterol Hepatol. 2019 Jun 2;2019:8654741. doi: 10.1155/2019/8654741. eCollection 2019.
Observed Changes in Natural Killer and T cell Phenotypes with Evaluation of Immune Outcome in a Longitudinal Cohort Following Sofosbuvir-Based Therapy for Chronic Hepatitis C Infection.	https://www.ncbi.nlm.nih.gov/pubmed/31249845	Stevenson TJ, Barbour Y, McMahon BJ, Townshend-Bulson L, Hewitt AM, Espera HGF, Homan C, Holck P, Luna SV, Knall C, Simons BC.	Open Forum Infect Dis. 2019 May 17;6(6):ofz223. doi: 10.1093/ofid/ofz223. eCollection 2019 Jun.
Hepatitis C in pregnant American Indian and Alaska native women; 2003-2015.	https://www.ncbi.nlm.nih.gov/pubmed/31025610	Nolen LD, O'Malley JC, Seeman SS, Bruden DJT, Apostolou A, McMahon BJ, Bruce MG.	Int J Circumpolar Health. 2019 Dec;78(1):1608139. doi: 10.1080/22423982.2019.1608139.
Accelerating the elimination of viral hepatitis: a Lancet Gastroenterology & Hepatology Commission.	https://www.ncbi.nlm.nih.gov/pu	Cooke GS, Andrieux-Meyer I, Applegate TL, Atun R, Burry JR, Cheinquer H, Dusheiko G, Feld JJ, Gore C, Griswold MG, Hamid S, Hellard ME, Hou J, Howell J, Jia J, Kravchenko N, Lazarus JV, Lemoine M, Lesi OA, Maistat L, McMahon BJ, Razavi H, et al.	Lancet Gastroenterol Hepatol. 2019 Feb;4(2):135-184. doi: 10.1016/S2468-1253(18)30270-X. Review.
Summary of available surveillance data on hepatitis C virus infection from eight Arctic countries, 2012 to 2014.	https://www.ncbi.nlm.nih.gov/pu	Gounder PP, Koch A, Provo G, Lovlie A, Ederth JL, Axelsson M, Archibald CP, Hanley B, Mullen A, Matheson M, Allison D, Trykker H, Hennessy TW, Kuusi M, Chulanov V, McMahon BJ.	Euro Surveill. 2018 Oct;23(40). doi: 10.2807/1560-7917.ES.2018.23.40.1700408.
H. pylori-associated pathologic findings among Alaska native patients.	https://www.ncbi.nlm.nih.gov/pu	Nolen LD, Bruden D, Miernyk K, McMahon BJ, Sacco F, Varner W, Mezzetti T, Hurlburt D, Tiesinga J, Bruce MG.	Int J Circumpolar Health. 2018 Dec;77(1):1510715. doi: 10.1080/22423982.2018.1510715.
Update on prevention, diagnosis, and treatment of chronic hepatitis B: AASLD 2018 hepatitis B guidance.	https://www.ncbi.nlm.nih.gov/pu	Terrault NA, Lok ASF, McMahon BJ, Chang KM, Hwang JP, Jonas MM, Brown RS Jr, Bzowej NH, Wong JB.	Hepatology. 2018 Apr;67(4):1560-1599. doi: 10.1002/hep.29800. No abstract available.
Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2016: A Systematic Analysis for the Global Burden of Disease Study.	https://www.ncbi.nlm.nih.gov/pu	Global Burden of Disease Cancer Collaboration., Fitzmaurice C, Akinyemiju TF, Al Lami FH, Alam T, Alizadeh-Navaei R, Allen C, Alsharif U, Alvis-Guzman N, Amini E, Anderson BO, Aremu O, Artaman A, Asgedom SW, Assadi R, Atey TM, Avila-Burgos L, Awasthi A, Ba Saleem HO, Barac A, Bennett JR, Bensenor IM, et al.	JAMA Oncol. 2018 Jun 2. doi: 10.1001/jamaoncol.2018.2706. [Epub ahead of print]
An Association Between Core Mutations in Hepatitis B Virus Genotype F1b and Hepatocellular Carcinoma in Alaskan Native People.	https://www.ncbi.nlm.nih.gov/pu	Hayashi S, Khan A, Simons BC, Homan C, Matsui T, Ogawa K, Kawashima K, Murakami S, Takahashi S, Isogawa M, Ikeo K, Mizokami M, McMahon BJ, Tanaka Y.	Hepatology. 2019 Jan;69(1):19-33. doi: 10.1002/hep.30111. Epub 2018 Dec 10.
Hepatitis B Vaccination, Screening, and Linkage to Care.	https://www.ncbi.nlm.nih.gov/pu	Abara WE, Qaseem A, Schillie S, McMahon BJ, Harris AM.	Ann Intern Med. 2018 Jun 19;168(12):902-903. doi: 10.7326/L18-0101. No abstract available.
Predicting treatment eligibility for hepatitis B in low income regions: Can treatment scores without HBV DNA testing serve the purpose?	https://www.ncbi.nlm.nih.gov/pu	McMahon BJ, Dusheiko G.	J Hepatol. 2018 Jul 11. pii: S0168-8278(18)32126-3. doi: 10.1016/j.jhep.2018.06.002. [Epub ahead of print] No abstract available.
Hepatitis B Vaccination, Screening, and Linkage to Care: Best Practice Advice From the American College of Physicians and the Centers for Disease Control and Prevention.	https://www.ncbi.nlm.nih.gov/pu	Abara WE, Qaseem A, Schillie S, McMahon BJ, Harris AM; High Value Care Task Force of the American College of Physicians and the Centers for Disease Control and Prevention..	Ann Intern Med. 2017 Dec 5;167(11):794-804. doi: 10.7326/M17-1106. Epub 2017 Nov 21.
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Use of Current and New Endpoints in the Evaluation of Experimental Hepatitis B Therapeutics.	https://www.ncbi.nlm.nih.gov/pubmed/28200098	Block TM, Locarnini S, McMahon BJ, Rehermann B, Peters MG.	Clin Infect Dis. 2017 May 1;64(9):1283-1288. doi: 10.1093/cid/cix129.
Risk of End Stage Liver Disease, Hepatocellular Carcinoma and Liver-Related Death By Fibrosis Stage in the Hepatitis C Alaska Cohort.	https://www.ncbi.nlm.nih.gov/pubmed/28195349	Bruden DJ, McMahon BJ, Townshend-Bulson L, Gounder P, Gove J, Plotnik J, Homan C, Hewitt A, Barbour Y, Spradling PR, Simons BC, McArdle S, Bruce M.	Hepatology. 2017 Jul;66(1):37-45. doi: 10.1002/hep.29115. Epub 2017 May 22.
Cost-effectiveness analysis of hepatocellular carcinoma screening by combinations of ultrasound and alpha-fetoprotein among Alaska Native people, 1983-2012.	https://www.ncbi.nlm.nih.gov/pubmed/27197711	Gounder PP, Bulkow LR, Meltzer MI, Bruce MG, Hennessy TW, Snowball M, Spradling PR, Adhikari BB, McMahon BJ.	Int J Circumpolar Health. 2016 Jan;75(1):31115. doi: 10.3402/ijch.v75.31115.
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Persistence of antibody to Hepatitis A virus 20Â years after receipt of Hepatitis A vaccine in Alaska.	https://www.ncbi.nlm.nih.gov/pubmed/28092416	Plumb ID, Bulkow LR, Bruce MG, Hennessy TW, Morris J, Rudolph K, Spradling P, Snowball M, McMahon BJ.	J Viral Hepat. 2017 Jul;24(7):608-612. doi: 10.1111/jvh.12676. Epub 2017 Feb 2
Does Incorporating Change in APRI or FIB-4 Indices Over Time Improve the Accuracy of a Single Index for Identifying Liver Fibrosis in Persons With Chronic Hepatitis C Virus Infection?	https://www.ncbi.nlm.nih.gov/pubmed/27875352	Gounder PP, Haering C, Bruden DJ, Townshend-Bulson L, Simons BC, Spradling PR, McMahon BJ.	J Clin Gastroenterol. 2016 Nov 21. [Epub ahead of print]
Hepatocellular Carcinoma Risk in Alaska Native Children and Young Adults with Hepatitis B Virus: Retrospective Cohort Analysis.	https://www.ncbi.nlm.nih.gov/pubmed/27590612	Gounder PP, Bulkow LR, Snowball M, Negus S, Spradling PR, McMahon BJ.	J Pediatr. 2016 Nov;178:206-213. doi: 10.1016/j.jpeds.2016.08.017. Epub 2016 Aug 30.

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Infection With Hepatitis C Virus Genotype 3 Is an Independent Risk Factor for End-Stage Liver Disease, Hepatocellular Carcinoma, and Liver-Related Death.	https://www.ncbi.nlm.nih.gov/pubmed/27765729	McMahon BJ, Bruden D, Townshend-Bulson L, Simons B, Spradling P, Livingston S, Gove J, Hewitt A, Plotnik J, Homan C, Espera H, Negus S, Snowball M, Barbour Y, Bruce M, Gounder P.	Clin Gastroenterol Hepatol. 2017 Mar;15(3):431-437.e2. doi: 10.1016/j.cgh.2016.10.012. Epub 2016 Oct 17.
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Letter: hepatitis B surface seroclearance does reduce the risk of hepatocellular carcinoma - authors' reply.	https://www.ncbi.nlm.nih.gov/pubmed/27511139	Gounder PP, Bulkow LR, McMahon BJ.	Aliment Pharmacol Ther. 2016 Sep;44(6):650-1. doi: 10.1111/apt.13730. No abstract available.
Editorial Commentary: Sliding Down the Cascade of Care for Chronic Hepatitis B Virus Infection.	https://www.ncbi.nlm.nih.gov/pubmed/27486113	McMahon BJ.	Clin Infect Dis. 2016 Nov 1;63(9):1209-1211. Epub 2016 Aug 2. No abstract available.
The changing epidemiology and aetiology of hepatocellular carcinoma from 1969 through 2013 in Alaska Native people.	https://www.ncbi.nlm.nih.gov/pubmed/27224493	Connelly M, Bruce MG, Bulkow L, Snowball M, McMahon BJ.	Liver Int. 2016 Dec;36(12):1829-1835. doi: 10.1111/liv.13173. Epub 2016 Jun 16.
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Incidence of hepatocellular carcinoma according to hepatitis B virus genotype in Alaska Native people.	https://www.ncbi.nlm.nih.gov/pubmed/27009849	Ching LK, Gounder PP, Bulkow L, Spradling PR, Bruce MG, Negus S, Snowball M, McMahon BJ.	Liver Int. 2016 Oct;36(10):1507-15. doi: 10.1111/liv.13129. Epub 2016 Apr 6.
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Two Key Components to Address Chronic Hepatitis B in Children: Detection and Prevention.	https://www.ncbi.nlm.nih.gov/pubmed/26409308	McMahon BJ.	J Pediatr. 2015 Dec;167(6):1186-7. doi: 10.1016/j.jpeds.2015.09.015. Epub 2015 Sep 26. No abstract available. Erratum in: J Pediatr. 2015 Dec;167(6):1456.
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The diagnosis and treatment of Helicobacter pylori infection in Arctic regions with a high prevalence of infection: Expert Commentary.	https://www.ncbi.nlm.nih.gov/pubmed/26094936	McMahon BJ, Bruce MG, Koch A, Goodman KJ, Tsukanov V, Mulvad G, Borresen ML, Sacco F, Barrett D, Westby S, Parkinson AJ.	Epidemiol Infect. 2016 Jan;144(2):225-33. doi: 10.1017/S0950268815001181. Epub 2015 Jun 22. Review.
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