

AASLD-IDSA recommendations for testing, managing, and treating adults infected with hepatitis C virus. *Hepatology*. 2015;(62):932-954.

AASLD-IDSA . Recommendations for testing, managing, and treating hepatitis C [Internet]. 2017. <http://hcvguidelines.org/>

AbbVie Inc.VIEKIRA XR (dasabuvir, ombitasvir, paritaprevir, and ritonavir) [Package insert]. North Chicago: AbbVie Inc.; 2017.

Aberg JA, Gallant JE, Ghanem KG, Emmanuel P, Zingman BS, Horberg MA. Primary care guidelines for the management of persons infected with HIV: 2013 update by the HIV Medicine Association of the Infectious Diseases Society of America. *Clin Infect Dis*. 2014;58(1):1-10.

Abergel A, Asselah T, Metivier S, Loustaud-Ratti V, Loustaud-Ratti V. Ledipasvir-sofosbuvir in patients with hepatitis C virus genotype 5 infection: an open-label, multicentre, single-arm, phase 2 study. *Lancet Infect Dis*. 2016;16(4):459-464.

Afdhal NH, Zeuzem S, Kwo PY, Chojkier M, Gitlin N, Puoti M, et al. Ledipasvir and sofosbuvir for untreated HCV genotype 1 infection. *N Engl J Med*. 2014;370(20):1889-1898.

Afdhal NH, Reddy KR, Nelson DR, Lawitz EJ, Gordon SC, Schiff ER, et al. Ledipasvir and sofosbuvir for previously treated HCV genotype 1 infection. *N Engl J Med*. 2014;370(16):1483-1493.

Afdhal NH, Bacon BR, Patel K, Lawitz EJ, Gordon SC, Nelson DR, et al. Accuracy of fibroscan, compared with histology, in analysis of liver fibrosis in patients with hepatitis B or C: a United States multicenter study. *Clin. Gastroenterol. Hepatol*. 2015;13(4):772-779.

Agnello V, Chung RT, Kaplan LM. A role for hepatitis C virus infection in type II cryoglobulinemia. *N Engl J Med*. 1992;327(21):1490-1495.

American Heart Association. 2011 .

Allison RD, Tong X, Moorman AC, Ly KN, Rupp L, Xu F, et al. Increased incidence of cancer and cancer-related mortality among persons with chronic hepatitis C infection, 2006-2010. *J Hepatol*. 2015;63(4):822-828.

Alonso S, Riveiro-Barciela M, Fernández I, Rincón D, Real Y, Llerena S, et al.. Effectiveness and safety of sofosbuvir-based regimens plus an NS5A inhibitor for patients with HCV genotype 3 infection and cirrhosis. Results of a multicenter real-life cohort. *Journal of Viral Hepatitis*. 2017;24(4):304 - 311.

Alter MJ, Kuhnert WL, Finelli L. Guidelines for laboratory testing and result reporting of antibody to hepatitis C virus. Centers for Disease Control and Prevention. *MMWR Recomm Rep*. 2003;52(RR-3):1-13, 15.

Alvarez D, Dieterich D, Brau N, Moores L, Ball L, Sulkowski MS. Zidovudine use but not weight-based ribavirin dosing

impacts anaemia during HCV treatment in HIV-infected persons. *J Viral Hepat.* 2006;13:683-689.

Amon JJ, Garfein RS, Ahdieh-Grant L, Armstrong GL, Ouellet LJ, Latka MH, et al. Prevalence of hepatitis C virus infection among injection drug users in the United States, 1994-2004. *Clin Infect Dis.* 2008;46(12):1852-1858.

Andreone P, Colombo MG, Enejosa JV, Koksai I, Ferenci P, Maieron A, et al. ABT-450, ritonavir, ombitasvir, and dasabuvir achieves 97% and 100% sustained virologic response with or without ribavirin in treatment-experienced patients with HCV genotype 1b infection. *Gastroenterology.* 2014;147(2):359-365.

Arai Y, Noda K, Enomoto N, Arai K, Yamada Y, Suzuki K, et al. A prospective study of hepatitis C virus infection after needlestick accidents. *Liver.* 1996;16(5):331-334.

Arase Y, Suzuki F, Suzuki Y, Akuta N, Kobayashi M, Kawamura Y, et al. Sustained virological response reduces incidence of onset of type 2 diabetes in chronic hepatitis C. *Hepatology.* 2009;49(3):739-744.

Araujo AC, Astrakhantseva IV, Fields HA, Kamili S. Distinguishing acute from chronic hepatitis C virus (HCV) infection based on antibody reactivities to specific HCV structural and nonstructural proteins. *J Clin Microbiol.* 2011;49(1):54-57.

Arora S, Thornton K, Murata G, Deming P, Kalishman S, Dion D, et al. Outcomes of treatment for hepatitis C virus infection by primary care providers. *N Engl J Med.* 2011;364(23):2199-2207.

Aspinall EJ, Corson S, Doyle JS, Grebely J, Hutchinson SJ, Dore GJ, et al. Treatment of hepatitis C virus infection among people who are actively injecting drugs: a systematic review and meta-analysis. *Clin Infect Dis.* 2013;57(Suppl 2):S80-S89.

Asselah T, Reesink HW, Gerstoft J, de Ledinghen V, Pockros P, Robertson M, et al. High Efficacy of Elbasvir and Grazoprevir with or Without Ribavirin in 103 Treatment-Naive and Experienced Patients with HCV Genotype 4 infection: A Pooled Analysis [Abstract 251]. In 66th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD). Boston, MA; 2015.

Asselah T, Hassanien T, Qadish RB, al. et. A randomized, open-label study to evaluate efficacy and safety of ombitasvir/paritaprevir/ritonavir co-administered with ribavirin in adults with genotype 4 chronic hepatitis C infection and cirrhosis. *Journal of Hepatology.* 2015;62(S861).

Asselah T, Hezode C, Zadeikis N, Elkhashab M, Colombo M, Marinho RT, et al. ENDURANCE-4: Efficacy and Safety of ABT-493/ABT-530 Treatment in Patients with Chronic HCV Genotype 4, 5, or 6 Infection [Abstract 114]. In 67th Annual Meeting of the American Association for the Study of Liver Diseases. 2016.

Backus LI, Boothroyd DB, Phillips BR, Belperio P, Halloran J, Mole LA. A sustained virologic response reduces risk of all-cause mortality in patients with hepatitis C. *Clin Gastroenterol Hepatol.* 2011;9(6):509-516.

Backus LI, Belperio PS, Shahoumian TA, Loomis TP, Mole LA. Real-world effectiveness and predictors of sustained virological response with all-oral therapy in 21,242 hepatitis C genotype-1 patients. *Antivir Ther.* 2016;.

- Balistreri WF, Murray KF, Rosenthal P, Bansal S, Lin C-H, Kersey K, et al. The safety and effectiveness of ledipasvir-sofosbuvir in adolescents 12-17 years old with hepatitis C virus genotype 1 infection. *Hepatology* (Baltimore, Md.). 2017;66(2):371 - 378.
- Barua S, Greenwald R, Grebely J, Dore GJ, Swan T, Taylor LE. Restrictions for Medicaid reimbursement of sofosbuvir for the treatment of hepatitis C virus infection in the United States. *Ann Intern Med*. 2015;163(3):215-223.
- Bedossa P, Dargère D, Paradis V. Sampling variability of liver fibrosis in chronic hepatitis C. *Hepatology*. 2003;38(6):1449-1457.
- Behairy B-S, Sira MM, Zalata KR, Salama el-SE, Abd-Allah MA. Transient elastography compared to liver biopsy and morphometry for predicting fibrosis in pediatric chronic liver disease: Does etiology matter?. *World Journal of Gastroenterology*. 2016;22(16):4238 - 4249.
- Bellentani S, Pozzato G, Saccoccio G, Crovatto M, Croce LS, Mazzoran L, et al. Clinical course and risk factors of hepatitis C virus related liver disease in the general population: report from the Dionysos study. *Gut*. 1999;44(6):874-880.
- Belli LS, Berenguer M, Cortesi PA, Strazzabosco M, Rockenschaub S-R, Martini S, et al. Delisting of liver transplant candidates with chronic hepatitis C after viral eradication: A European study. *Journal of Hepatology*. 2016;65(3):524 - 531.
- Benhamou Y, Bochet M, Di Martino V, Charlotte F, Azria F, Coutellier A, et al. Liver fibrosis progression in human immunodeficiency virus and hepatitis C virus coinfecting patients. The Multivirc Group. *Hepatology*. 1999;30(4):1054-1058.
- Benhamou Y, Di Martino V, Bochet M, Colombet G, Thibault V, Liou A, et al. Factors affecting liver fibrosis in human immunodeficiency virus- and hepatitis C virus-coinfecting patients: impact of protease inhibitor therapy. *Hepatology*. 2001;34(2):283-287.
- Benova L, Mohamoud YA, Calvert C, Abu-Raddad LJ. Vertical transmission of hepatitis C virus: systematic review and meta-analysis. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*. 2014;59(6):765 - 773.
- Berenguer M, Palau A, Aguilera V, Rayon JM, Juan FS, Prieto M. Clinical benefits of antiviral therapy in patients with recurrent hepatitis C following liver transplantation. *Am J Transplant*. 2008;8(3):679-687.
- Berenguer J, Álvarez-Pellicer J, Martín PM, Lopez-Aldeguer J, Von-Wichmann MA, Quereda C, et al. Sustained virological response to interferon plus ribavirin reduces liver-related complications and mortality in patients coinfecting with human immunodeficiency virus and hepatitis C virus. *Hepatology*. 2009;50(2):407-413.
- Berenguer M, Schuppan D. Progression of liver fibrosis in post-transplant hepatitis C: mechanisms, assessment and treatment. *J Hepatol*. 2013;58(5):1028-1041.

Bersoff-Matcha SJ, Cao K, Jason M, Ajao A, S. Jones C, Meyer T, et al. Hepatitis B Virus Reactivation Associated With Direct-Acting Antiviral Therapy for Chronic Hepatitis C Virus: A Review of Cases Reported to the U.S. Food and Drug Administration Adverse Event Reporting System. *Annals of Internal Medicine*. 2017;166(11):792 - 798.

Beste LA, Green PK, Berry K, Kogut MJ, Allison SK, Ioannou GN. Effectiveness of hepatitis C antiviral treatment in a USA cohort of veteran patients with hepatocellular carcinoma. *Journal of Hepatology*. 2017;67(1):32 - 39.

Bhattacharya D, Belperio PS, Shahoumian TA, Loomis TP, Goetz MB, Mole LA, et al. Effectiveness of All-Oral Antiviral Regimens in 996 Human Immunodeficiency Virus/Hepatitis C Virus Genotype 1-Coinfected Patients Treated in Routine Practice. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*. 2017;64(12):1711 - 1720.

Bifano M, Hwang C, Oosterhuis B, Hartstra J, Grasela D, Tiessen R, et al. Assessment of pharmacokinetic interactions of the HCV NS5A replication complex inhibitor daclatasvir with antiretroviral agents: ritonavir-boosted atazanavir, efavirenz, and tenofovir. *Antivir Ther*. 2013;18(7):931-940.

Blackard JT, Shata MT, Shire NJ, Sherman KE. Acute hepatitis C virus infection: a chronic problem. *Hepatology*. 2008;47(1):321-331.

Bochud PY, Cai T, Overbeck K, Bochud M, Dufour JF, Mullhaupt B, et al. Genotype 3 is associated with accelerated fibrosis progression in chronic hepatitis C. *J Hepatol*. 2009;51(4):655-666.

Boesecke C, Rockstroh JK. Acute hepatitis C in patients with HIV. *Semin Liver Dis*. 2012;32(2):130-137.

Bonder A, Afdhal NH. Utilization of FibroScan in clinical practice. *Curr Gastroenterol Rep*. 2014;16(2):372.

Bonkovsky HL, Snow KK, Malet PF, Back-Madruga C, Fontana RJ, Sterling RK, et al. Health-related quality of life in patients with chronic hepatitis C and advanced fibrosis. *J Hepatol*. 2007;46(3):420-431.

Boscarino JA, Lu M, Moorman AC, Gordon SC, Rupp LB, Spradling PR, et al. Predictors of poor mental and physical health status among patients with chronic hepatitis C infection: the Chronic Hepatitis Cohort Study (CHeCS). *Hepatology (Baltimore, Md.)*. 2015;61(3):802 - 811.

Bourliere M, Bronowicki J, de Ledinghen V, Hézode C, Zoulim F, Mathurin P, et al.. Ledipasvir-sofosbuvir with or without ribavirin to treat patients with HCV genotype 1 infection and cirrhosis non-responsive to previous protease-inhibitor therapy: a randomised, double-blind, phase 2 trial (SIRIUS). *Lancet Infect Dis*. 2015;15(4):397-404.

Bourliere M, Gordon SC, Flamm SL, Cooper CL, Ramji A, Tong M, et al. Sofosbuvir, Velpatasvir, and Voxilaprevir for Previously Treated HCV Infection. *The New England Journal of Medicine*. 2017;376(22):2134 - 2146.

Boursier J, de Ledinghen V, Zarski JP, Fouchard-Hubert I, Gallois Y, Oberti F, et al. Comparison of eight diagnostic algorithms for liver fibrosis in hepatitis C: new algorithms are more precise and entirely noninvasive. *Hepatology*.

2012;55(1):58-67.

Brau N, Salvatore M, Ríos-Bedoya CF, Fernandez-Carbia A, Paronetto F, Rodriguez-Orengo JF, et al.. Slower fibrosis progression in HIV/HCV-coinfected patients with successful HIV suppression using antiretroviral therapy. *J Hepatol*. 2006;44:47-55.

Bravo MJ, Vallejo F, Barrio G, Brugal MT, Molist G, Pulido J, et al. HCV seroconversion among never-injecting heroin users at baseline: no predictors identified other than starting injection. *Int J Drug Policy*. 2012;23(5):415-419.

Brown RS, O'Leary JG, K. Reddy R, Kuo A, Morelli GJ, Burton JR, et al. Interferon-free therapy for genotype 1 hepatitis C in liver transplant recipients: Real-world experience from the hepatitis C therapeutic registry and research network. *Liver Transplantation: Official Publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*. 2016;22(1):24 - 33.

Bruggmann P, Litwin AH. Models of care for the management of hepatitis C virus among people who inject drugs: one size does not fit all. *Clin Infect Dis*. 2013;57(2):S56-S61.

Bruix J, Sherman M. Management of hepatocellular carcinoma: an update. *Hepatology*. 2011;53(3):1020-1022.

Bruneau J, Zang G, Abrahamowicz M, Jutras-Aswad D, Daniel M, Roy E. Sustained drug use changes after hepatitis C screening and counseling among recently infected persons who inject drugs: a longitudinal study. *Clin Infect Dis*. 2014;58(6):755-761.

Butt AA, McGinnis K, Skanderson M, Justice AC. A comparison of treatment eligibility for hepatitis C virus in HCV-monoinfected versus HCV/HIV-coinfected persons in electronically retrieved cohort of HCV-infected veterans. *AIDS Res Hum Retroviruses*. 2011;27(9):973-979.

Canary LA, Klevens RM, Holmberg SD. Limited Access to New Hepatitis C Virus Treatment Under State Medicaid Programs. *Ann Intern Med*. 2015;163:226-228.

Casiraghi M, Antonietta, De Paschale M, Romanò L, Biffi R, Assi A, Binelli G, et al.. Long-term outcome (35 years) of hepatitis C after acquisition of infection through mini transfusions of blood given at birth. *Hepatology (Baltimore, Md.)*. 2004;39(1):90 - 96.

Castera L, Vergniol J, Foucher J, Le BB, Chanteloup E, Haaser M, et al. Prospective comparison of transient elastography, Fibrotest, APRI, and liver biopsy for the assessment of fibrosis in chronic hepatitis C. *Gastroenterology*. 2005;128(2):343-350.

Castera L, Sebastiani G, Le BB, de Ledinghen V, Couzigou P, Alberti A. Prospective comparison of two algorithms combining non-invasive methods for staging liver fibrosis in chronic hepatitis C. *J Hepatol*. 2010;52(2):191-198.

Castera L. Noninvasive methods to assess liver disease in patients with hepatitis B or C. *Gastroenterology*. 2012;142(6):1293-1302.

CDC. Recommendations for prevention and control of hepatitis C virus (HCV) infection and HCV-related chronic disease. MMWR Morb Mortal Wkly Rep. 1998;47(RR-19):1-39.

CDC: Recommendations for preventing transmission of infections among chronic hemodialysis patients. MMWR Recomm Rep. 2001;50(RR-5):1-43.

CDC: Recommendations for identification and public health management of persons with chronic hepatitis B virus infection. MMWR. 2008;57(RR-8).

CDC: Use of 13-valent pneumococcal conjugate vaccine and 23-valent pneumococcal polysaccharide vaccine for adults with immunocompromising conditions: recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR . 2012;61(40):816-819.

Centers for Disease Control and Prevention (CDC). Testing for HCV infection: an update of guidance for clinicians and laboratorians. MMWR Morb Mortal Wkly Rep. 2013;62(18):362-365.

CDC Statistics and Surveillance, HCV. 2016.

Ceci O, Margiotta M, Mareello F, Francavilla R, Loizzi P, Francavilla A, et al. Vertical transmission of hepatitis C virus in a cohort of 2,447 HIV-seronegative pregnant women: a 24-month prospective study. Journal of Pediatric Gastroenterology and Nutrition. 2001;33(5):570 - 575.

Chahal HS, Marseille EA, Tice JA, Pearson SD, Ollendorf DA, Fox RK, et al. Cost-effectiveness of Early Treatment of Hepatitis C Virus Genotype 1 by Stage of Liver Fibrosis in a US Treatment-Naive Population. JAMA Intern Med. 2016;176:65-73.

Chamot E, Hirschel B, Wintch J, Robert CF, Gabriel V, Deglon JJ, et al. Loss of antibodies against hepatitis C virus in HIV-seropositive intravenous drug users. AIDS. 1990;4(12):1275-1277.

Charlton MR, Seaberg E, Wiesner R, Everhart J, Zetterman R, Lake J, et al. Predictors of patient and graft survival following liver transplantation for hepatitis C. Hepatology. 1998;28(3):823-830.

Charlton MR, Gane EJ, Manns MP, Brown, Jr. RS, Curry MP, Kwo PY, et al. Sofosbuvir and ribavirin for treatment of compensated recurrent hepatitis C virus infection after liver transplantation. Gastroenterology. 2015;148(1):108-117.

Charlton M, Everson GT, Flamm SL, Kumar P, Landis C, Brown RS, et al. Ledipasvir and Sofosbuvir Plus Ribavirin for Treatment of HCV Infection in Patients With Advanced Liver Disease. Gastroenterology. 2015;149(3):649 - 659.

Chatwal J, Kanwal F, Roberts MS, Dunn MA. Cost-effectiveness and budget impact of hepatitis C virus treatment with sofosbuvir and ledipasvir in the United States. Ann Intern Med. 2015;162(6):397-406.

Checa-Cabot CA, Stoszek SK, Quarleri J, Losso MH, Ivalo S, Peixoto MF, et al. Mother-to-Child Transmission of Hepatitis C Virus (HCV) Among HIV/HCV-Coinfected Women. *Journal of the Pediatric Infectious Diseases Society* [Internet]. 2013;2(2):126 - 135. <https://www.ncbi.nlm.nih.gov/pubmed/26199724>

Chen TY, Ding EL, Seage-iii GR, Kim AY. Meta-analysis: increased mortality associated with hepatitis C in HIV-infected persons is unrelated to HIV disease progression. *Clin Infect Dis*. 2009;49(10):1605-1615.

Chew KW, Allen SA, Taylor LE, Rich JD, Feller E. Treatment outcomes with pegylated interferon and ribavirin for male prisoners with chronic hepatitis C. *J Clin Gastroenterol*. 2009;43(7):686-691.

Chidi AP, Rogal S, Bryce CL, Bryce CL. Cost-Effectiveness of New Antiviral Regimens for Treatment-Naive US Veterans with Hepatitis C. *Hepatology*. 2016;63(2):428-36.

Chou R, Wasson N. Blood tests to diagnose fibrosis or cirrhosis in patients with chronic hepatitis C virus infection: a systematic review. *Ann Intern Med*. 2013;158(11):807-820.

Chu CJ, Lee SD. Hepatitis B virus/hepatitis C virus coinfection: epidemiology, clinical features, viral interactions and treatment. *J Gastroenterol Hepatol*. 2008;23(4):512-520.

Clark BT, Garcia-Tsao G, Fraenkel L. Patterns and predictors of treatment initiation and completion in patients with chronic hepatitis C virus infection. *Patient Prefer Adherence*. 2012;6:285-295.

Collins JM, Raphael KL, Terry C, Cartwright EJ, Pillai A, Anania FA, et al. Hepatitis B Virus Reactivation During Successful Treatment of Hepatitis C Virus With Sofosbuvir and Simeprevir. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*. 2015;61(8):1304 - 1306.

Colombo M, Aghemo A, Liu H, Zhang J, Dvory-Sobol H, Hyland R, et al. Treatment With Ledipasvir-Sofosbuvir for 12 or 24 Weeks in Kidney Transplant Recipients With Chronic Hepatitis C Virus Genotype 1 or 4 Infection: A Randomized Trial. *Annals of Internal Medicine*. 2017;166(2):109 - 117.

Conjeevaram HS, Wahed AS, Afdhal NH, Howell CD, Everhart JE, Hoofnagle JH. Changes in insulin sensitivity and body weight during and after peginterferon and ribavirin therapy for hepatitis C. *Gastroenterology*. 2011;140(2):469-477.

Connell LE, Salihu HM, Salemi JL, August EM, Weldeselasse H, Mbah AK. Maternal hepatitis B and hepatitis C carrier status and perinatal outcomes. *Liver International: Official Journal of the International Association for the Study of the Liver*. 2011;31(8):1163 - 1170.

Conte D, Fraquelli M, Prati D, Colucci A, Minola E. Prevalence and clinical course of chronic hepatitis C virus (HCV) infection and rate of HCV vertical transmission in a cohort of 15,250 pregnant women. *Hepatology (Baltimore, Md.)*. 2000;31(3):751 - 755.

Cooper CL, Naggie S, Saag M, Yang JC, Stamm LM, Dvory-Sobol H, et al. Retreatment of HCV/HIV-Coinfected Patients

Who Failed 12 Weeks of LDV/SOF [Abstract 573]. In 23rd Conference on Retroviruses and Opportunistic Infections, February 22-25. 2016.

Coppola N, De PS, Pisaturo M, Paradiso L, Macera M, Capoluongo N, et al. Sustained virological response to antiviral treatment in chronic hepatitis C patients may be predictable by HCV-RNA clearance in peripheral blood mononuclear cells. *J Clin Virol.* 2013;58(4):748-750.

Corrao G, Arico S. Independent and combined action of hepatitis C virus infection and alcohol consumption on the risk of symptomatic liver cirrhosis. *Hepatology.* 1998;27(4):914-919.

Cottrell EBarth, Chou R, Wasson N, Rahman B, Guise J-M. Reducing risk for mother-to-infant transmission of hepatitis C virus: a systematic review for the U.S. Preventive Services Task Force. *Annals of Internal Medicine.* 2013;158(2):109 - 113.

Cox AL, Netski DM, Mosbrugger T, Sherman SG, Strathdee S, Ompad D, et al. Prospective evaluation of community-acquired acute-phase hepatitis C virus infection. *Clin Infect Dis.* 2005;40(7):951-958.

Coyle C, Viner K, Hughes E, Kwakwa H, Zibbell JE, Vellozzi C, et al. Identification and Linkage to Care of HCV-Infected Persons in Five Health Centers - Philadelphia, Pennsylvania, 2012-2014. *MMWR Morb Mortal Wkly Rep.* 2015;64(17):459-463.

Curry MP, Forns X, Chung RT, Terrault NA, Brown, Jr. RS, Fenkel JM, et al. Sofosbuvir and ribavirin prevent recurrence of HCV infection after liver transplantation: an open-label study. *Gastroenterology.* 2015;148(1):100-107.

Curry MP, O'Leary JG, Bzowej N, Muir AJ, Korenblat KM, Fenkel JM, et al. Sofosbuvir and Velpatasvir for HCV in patients with Decompensated cirrhosis. *NEJM.* 2015;373(27):2618-2628.

DAKLINZA (daclatasvir) [Package insert]. Princeton, NJ: Bristol-Myers Squibb Company; 2016.

de Ledinghen V, Barreiro P, Foucher J, Labarga P, Castera L, Vispo ME, et al. Liver fibrosis on account of chronic hepatitis C is more severe in HIV-positive than HIV-negative patients despite antiretroviral therapy. *J. Viral Hepat.* 2008;15(6):427-433.

De Monte A, Courjon J, Anty R, Cua E, Naqvi A, Mondain V, et al. Direct-acting antiviral treatment in adults infected with hepatitis C virus: Reactivation of hepatitis B virus coinfection as a further challenge. *Journal of Clinical Virology: The Official Publication of the Pan American Society for Clinical Virology.* 2016;78:27 - 30.

Del Bello D, Cha A, Sorbera M, Bichoupan K, Levine C, Doyle E, et al. Real-World Sustained Virological Response Rates of Sofosbuvir-Containing Regimens in Patients Coinfected with Hepatitis C and HIV. *Clin Infect Dis.* 2016 March 1th ed. 2016;62(12):1497-504.

Delotte J, Barjoan EMariné, Berrébi A, Laffont C, Benos P, Pradier C, et al.. Obstetric management does not influence vertical transmission of HCV infection: results of the ALHICE group study. *The Journal of Maternal-Fetal & Neonatal*

Medicine: The Official Journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians. 2014;27(7):664 - 670.

Denniston MM, Klevens RM, McQuillan GM, Jiles RB. Awareness of infection, knowledge of hepatitis C, and medical follow-up among individuals testing positive for hepatitis C: National Health and Nutrition Examination Survey 2001-2008. *Hepatology*. 2012;55(6):1652-1661.

Denniston MM, Jiles RB, Drobeniuc J, Klevens RM, Ward JW, McQuillan GM, et al. Chronic hepatitis C virus infection in the United States, National Health and Nutrition Examination Survey 2003 to 2010. *Ann Intern Med*. 2014;160(5):293-300.

Desnoyer A, Pospai D, Lê MPatrick, Gervais A, Heurgué-Berlot A, Laradi A, et al.. Pharmacokinetics, safety and efficacy of a full dose sofosbuvir-based regimen given daily in hemodialysis patients with chronic hepatitis C. *Journal of Hepatology*. 2016;65(1):40 - 47.

DHHS Guidelines for the Use of Antiretroviral Agents in Adults and Adolescents Living with HIV. Department of Health and Human Services; 2017.

Di Bisceglie AM, Shiffman ML, Everson GT, Lindsay KL, Everhart JE, Wright EC, et al. Prolonged therapy of advanced chronic hepatitis C with low-dose peginterferon. *N Engl J Med*. 2008;359(23):2429-2441.

Dienstag JL, Ghany MG, Morgan TR, Di Bisceglie AM, Bonkovsky HL, Kim HY, et al. A prospective study of the rate of progression in compensated, histologically advanced chronic hepatitis C. *Hepatology*. 2011;54(2):396-405.

Dieperink E, Ho SB, Heit S, Durfee JM, Thuras P, Willenbring ML. Significant reductions in drinking following brief alcohol treatment provided in a hepatitis C clinic. *Psychosomatics*. 2010;51(2):149-156.

Dieterich D, Rockstroh JK, Orkin C, Gutierrez F, Klein MB, Reynes J, et al. Simeprevir (TMC435) With Pegylated Interferon/Ribavirin in Patients Coinfected With HCV Genotype 1 and HIV-1: A Phase 3 Study. *Clin Infect Dis*. 2014;59(11):1579-1587.

Dieterich D, Nelson M, Soriano V, Arasteh K, Guardiola JM, Rockstroh JK, et al. Faldaprevir and pegylated interferon alpha-2a/ribavirin in individuals co-infected with hepatitis C virus genotype-1 and HIV. *AIDS*. 2015;29(5):571-581.

Dore GJ, Altice F, Litwin AH, Dalgard O, Gane EJ, Shibolet O, et al. Elbasvir-Grazoprevir to Treat Hepatitis C Virus Infection in Persons Receiving Opioid Agonist Therapy: A Randomized Trial. *Annals of Internal Medicine*. 2016;165(9):625 - 634.

Durier N, Nguyen C, White LJ. Treatment of hepatitis C as prevention: a modeling case study in Vietnam. *PLoS One*. 2012;7(4):e34548.

EASL Recommendations on Treatment of Hepatitis C 2016. *Journal of Hepatology*. 2017;66(1):153 - 194.

EASL-ALEH Clinical Practice Guidelines: Non-invasive tests for evaluation of liver disease severity and prognosis. *J Hepatol.* 2015;63(1):237-264.

Edlin BR, Eckhardt BJ, Shu MA, Shu MA. Toward a more accurate estimate of the prevalence of hepatitis C in the United States. *Hepatology.* 2015;62(5):1353-63.

Elbasha E, Greaves W, Roth D, Nwankwo C. Cost-effectiveness of elbasvir/grazoprevir use in treatment-naive and treatment-experienced patients with hepatitis C virus genotype 1 infection and chronic kidney disease in the United States. *J Viral Hepat.* 2016;.

Eley T, You X, Wang R, Luo W-L, Huang S-P, Kandoussi H, et al. Daclatasvir: Overview of Drug-Drug Interactions with Antiretroviral Agents and Other Common Concomitant Drugs. *HIV DART 2014.* 2014;.

Ende AR, Kim NH, Yeh MM, Harper J, Landis CS. Fulminant hepatitis B reactivation leading to liver transplantation in a patient with chronic hepatitis C treated with simeprevir and sofosbuvir: a case report. *Journal of Medical Case Reports.* 2015;9:164.

European Paediatric Hepatitis C Virus Network: A significant sex--but not elective cesarean section--effect on mother-to-child transmission of hepatitis C virus infection. *The Journal of Infectious Diseases.* 2005;192(11):1872 - 1879.

Eron JJ, Young B, Cooper DA, Youle M, DeJesus E, Andrade-Villanueva J, et al. Switch to a raltegravir-based regimen versus continuation of a lopinavir-ritonavir-based regimen in stable HIV-infected patients with suppressed viraemia (SWITCHMRK 1 and 2): two multicentre, double-blind, randomised controlled trials. *Lancet.* 2010;375(9712):396-407.

Eron JJ, Lalezari J, Slim J, Gathe J, Ruane PJ, Wang C, et al. Safety and efficacy of ombitasvir - 450/r and dasabuvir and ribavirin in HCV/HIV-1 co-infected patients receiving atazanavir or raltegravir ART regimens. *J Int AIDS Soc.* 2014;17(4 Suppl 3):19500.

Esmat G, Shiha G, Hassany M, Soliman R, Fouad R, Khairy M, et al. Sofosbuvir plus ribavirin for treating Egyptian patients with hepatitis C genotype 4. *Journal of Hepatology.* 2015;63(3):581 - 585.

Esmat GE, Doss WH, Qaqish RB, Waked I, Shiha GE, Yosry A, et al. Efficacy and Safety of Co-Formulated Ombitasvir/Paritaprevir/Ritonavir with Ribavirin in Adults with Chronic HCV Genotype 4 Infection in Egypt (AGATE-II) [Abstract 708]. In 66th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD), November 13-17, 2015. San Francisco, CA; 2015.

Everhart JE, Lok AS, Kim HY, Morgan TR, Lindsay KL, Chung RT, et al. Weight-related effects on disease progression in the hepatitis C antiviral long-term treatment against cirrhosis trial. *Gastroenterology.* 2009;137(2):549-557.

Everhart JE, Wright EC, Goodman ZD, Dienstag JL, Hoefs JC, Kleiner DE, et al. Prognostic value of Ishak fibrosis stage: findings from the hepatitis C antiviral long-term treatment against cirrhosis trial. *Hepatology.* 2010;51(2):585-594.

Everson GT. Treatment of patients with hepatitis C virus on the waiting list. *Liver Transpl.* 2003;9(11):S90-S94.

Everson GT, Trotter J, Forman L, Kugelmas M, Halprin A, Fey B, et al. Treatment of advanced hepatitis C with a low accelerating dosage regimen of antiviral therapy. *Hepatology*. 2005;42(2):255-262.

Everson GT, Hoefs JC, Seeff LB, Bonkovsky HL, Naishadham D, Shiffman ML, et al. Impact of disease severity on outcome of antiviral therapy for chronic hepatitis C: Lessons from the HALT-C trial. *Hepatology*. 2006;44(6):1675-1684.

Fabrizi F, Poordad F, Martin P. Hepatitis C infection and the patient with end-stage renal disease. *Hepatology*. 2002;36(1):3-10.

Fabrizi F, Takkouche B, Lunghi G, Dixit V, Messa P, Martin P. The impact of hepatitis C virus infection on survival in dialysis patients: meta-analysis of observational studies. *J Viral Hepat*. 2007;14(10):697-703.

Fabrizi F, Messa P, Martin P. Health-related quality of life in dialysis patients with HCV infection. *Int J Artif Organs*. 2009;32(8):473-481.

Fabrizi F, Dixit V, Messa P. Impact of hepatitis C on survival in dialysis patients: a link with cardiovascular mortality?. *J Viral Hepat*. 2012;19(9):601-607.

Fabrizi F, Dixit V, Messa P. Antiviral therapy of symptomatic HCV-associated mixed cryoglobulinemia: meta-analysis of clinical studies. *J Med Virol*. 2013;85(6):1019-1027.

Fabrizi F, Martin P, Dixit V, Messa P. Meta-analysis of observational studies: hepatitis C and survival after renal transplant. *J Viral Hepat*. 2014;21(5):314-324.

Fabrizi F, Verdesca S, Messa P, Martin P. Hepatitis C virus infection increases the risk of developing chronic kidney disease: a systematic review and meta-analysis. *Dig Dis Sci*. 2015;60(12):3801-3813.

Feld JJ, Liang TJ. Hepatitis C -- identifying patients with progressive liver injury. *Hepatology*. 2006;43(2 Suppl 1):S194-S206.

Feld JJ, Kowdley KV, Coakley E, Sigal S, Nelson DR, Crawford D, et al. Treatment of HCV with ABT-450/r-ombitasvir and dasabuvir with ribavirin. *N Engl J Med*. 2014;370(17):1594-1603.

Feld JJ, Jacobson IM, Hézode C, Asselah T, Ruane PJ, Gruener N, et al.. Sofosbuvir and Velpatasvir for HCV Genotype 1, 2, 4, 5, and 6 Infection. *The New England Journal of Medicine*. 2015;373(27):2599 - 2607.

Feld JJ, Moreno C, Trinh R, Trinh R. Sustained virologic response of 100% in HCV genotype 1b patients with cirrhosis receiving ombitasvir/paritaprevir/r and dasabuvir for 12 weeks. *J Hepatol* . 2016;64(2):301-7.

Feng HP, Caro L, Dunnington KM, Guo Z, Cardillo-Marricco N, Wolford D, et al. A clinically meaningful drug-drug

interaction observed between Zepatier (Grazoprevir/Elbasvir) and Stribild HIV fixed dose combination in healthy subjects [Abstract O-22]. In International Workshop on Clinical Pharmacology of HIV & Hepatitis Therapy. June 8-10. 2016.

Ferenci P, Bernstein D, Lalezari J, Cohen D, Luo Y, Cooper C, et al. ABT-450/r-ombitasvir and dasabuvir with or without ribavirin for HCV. *N Engl J Med*. 2014;370(21):1983-1992.

Fernandez-Carrillo C, Lens S, Llop E, Pascasio JM, Fernández I, Baliellas C, et al.. Treatment of hepatitis C virus in patients with advanced cirrhosis: always justified? Analysis of the HEPA-C registry. *J Hepatology* . 2016;64(2):S133.

Fierer DS, Uriel AJ, Carriero DC, Klepper A, Dieterich D, Mullen MP, et al. Liver fibrosis during an outbreak of acute hepatitis C virus infection in HIV-infected men: a prospective cohort study. *J Infect Dis*. 2008;198(5):683-686.

Fierer DS, Dieterich D, Fiel MI, Branch AD, Marks KM, Fusco DN, et al. Rapid progression to decompensated cirrhosis, liver transplant, and death in HIV-infected men after primary hepatitis C virus infection. *Clin Infect Dis*. 2013;56(7):1038-1043.

Finelli L, Miller JT, Tokars JI, Alter MJ, Arduino MJ. National surveillance of dialysis-associated diseases in the United States, 2002. *Semin Dial*. 2005;18(1):52-61.

Fissell RB, Bragg-Gresham JL, Woods JD, Jadoul M, Gillespie B, Hedderwick SA, et al. Patterns of hepatitis C prevalence and seroconversion in hemodialysis units from three continents: the DOPPS. *Kidney Int*. 2004;65(6):2335-2342.

Fleischer R, Boxwell D, Sherman KE. Nucleoside analogues and mitochondrial toxicity. *Clin Infect Dis*. 2004;38:e79-e80.

Fontana RJ, Sanyal AJ, Ghany MG, Lee WM, Reid AE, Naishadham D, et al. Factors that determine the development and progression of gastroesophageal varices in patients with chronic hepatitis C. *Gastroenterology*. 2010;138(7):2321-31, 2331.

Fontana RJ, Brown RS, Moreno-Zamora A, Prieto M, Joshi S, Londoño M-C, et al.. Daclatasvir combined with sofosbuvir or simeprevir in liver transplant recipients with severe recurrent hepatitis C infection. *Liver Transplantation: Official Publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*. 2016;22(4):446 - 458.

Forman LM, Lewis JD, Berlin JA, Feldman HI, Lucey MR. The association between hepatitis C infection and survival after orthotopic liver transplantation. *Gastroenterology*. 2002;122:889-896.

Forns X, Navasa M, Rodes J. Treatment of HCV infection in patients with advanced cirrhosis. *Hepatology*. 2004;40(2):498.

Forns X, Charlton MR, Denning J, McHutchison JG, Symonds WT, Brainard D, et al. Sofosbuvir compassionate use program for patients with severe recurrent hepatitis C after liver transplantation. *Hepatology*. 2015;61(5):1485-1494.

Forns X, Gordon SC, Zuckerman E, Lawitz E, Calleja JL, Hofer H, et al. Grazoprevir and elbasvir plus ribavirin for chronic HCV genotype-1 infection after failure of combination therapy containing a direct-acting antiviral agent. *Journal of Hepatology*. 2015;63(3):564 - 572.

Forns X, Lee SS, Valdes J, Lens S, Ghalib R, Aguilar H, et al. Glecaprevir plus pibrentasvir for chronic hepatitis C virus genotype 1, 2, 4, 5, or 6 infection in adults with compensated cirrhosis (EXPEDITION-1): a single-arm, open-label, multicentre phase 3 trial. *The Lancet. Infectious Diseases*. 2017;17(10):1062-8.

Forns X, Berenguer M, Herzer K, Sterneck M, Donato M Francesca, Andreone P, et al. Efficacy, safety, and pharmacokinetics of simeprevir, daclatasvir, and ribavirin in patients with recurrent hepatitis C virus genotype 1b infection after orthotopic liver transplantation: The Phase II SATURN study. *Transplant Infectious Disease: An Official Journal of the Transplantation Society*. 2017;19(3).

Foster GR, Goldin RD, Thomas HC. Chronic hepatitis C virus infection causes a significant reduction in quality of life in the absence of cirrhosis. *Hepatology*. 1998;27(1):209-212.

Foster GR, Pianko S, Brown A, Forton D, Nahass RG, George J, et al. Efficacy of sofosbuvir plus ribavirin with or without peginterferon-alfa in patients with hepatitis C virus genotype 3 infection and treatment-experienced patients with cirrhosis and hepatitis C virus genotype 2 infection. *Gastroenterology*. 2015;149(6):1462 - 1470.

Foster GR, Afdhal NH, Roberts SK. Sofosbuvir and Velpatasvir for HCV Genotype 2 and 3 Infection. *N Engl J Med*. 2015;373(27):2608-17.

Foster GR, Irving WL, Cheung MCM, Walker AJ, Hudson BE, Verma S, et al. Cohort study of the impact of direct acting antiviral therapy in patients with chronic hepatitis C and decompensated cirrhosis. *J Hepatol*. 2016;.

Foster GR, Agarwal K, Cramp M, Moreea S, Barclay ST, Collier J, et al. C-ISLE: Grazoprevir/Elbasvir plus Sofosbuvir in Treatment-naïve and Treatment-experienced HCV GT3 Cirrhotic Patients Treated for 8, 12 or 16 weeks [Abstract 74]. In *The Liver Meeting*. 2016.

Foster GR, Gane E, Asatryan A, Asselah T, Ruane PJ, Pol S, et al. ENDURANCE-3: safety and efficacy of glecaprevir/pibrentasvir compared to sofosbuvir plus daclatasvir in treatment-naïve HCV genotype 3-infected patients without cirrhosis. *Journal of Hepatology [Internet]*. 2017;66(1):S33. [http://dx.doi.org/10.1016/S0168-8278\(17\)30326-4](http://dx.doi.org/10.1016/S0168-8278(17)30326-4)

Gandhi Y, Adamczyk R, Wang R, Stonier M, Kandoussi H, Hesney M, et al. Assessment of drug-drug interactions between daclatasvir and darunavir/ritonavir or lopinavir/ritonavir. *16th International Workshop on Clinical Pharmacology of HIV and Hepatitis Therapy*. 2015;.

Gane EJ, Hyland RH, An D, Svarovskaia ES, Pang PS, Brainard D, et al. Efficacy of ledipasvir and sofosbuvir, with or without ribavirin, for 12 weeks in patients with HCV genotype 3 or 6 infection. *Gastroenterology*. 2015;149(6):1454-1461.

Gane EJ, Shiffman ML, Etzkorn K, Morelli G, Stedman C, Davis MN, et al. Sofosbuvir/Velpatasvir in Combination With Ribavirin for 24 Weeks Is Effective Retreatment for Patients Who Failed Prior NS5A-Containing DAA Regimens: Results

of the Retreatment Study. In 51st Annual Meeting of the European Association for the Study of the Liver (EASL). April 13-17. Barcelona, Spain; 2016.

Gane EJ, Lawitz E, Pugatch D, Papatheodoridis G, Brau N, Brown A. EXPEDITION-4: efficacy and safety of glecaprevir/pibrentasvir (ABT-493/ABT-530) in patients with renal impairment and chronic hepatitis C virus genotype 1-6 infection [Abstract #LB-11]. *Hepatology*. 2016;64(6):1125A.

Gane EJ, Shiffman ML, Etzkorn K, Morelli G, Stedman CAM, Davis MN, et al. Sofosbuvir-velpatasvir with ribavirin for 24 weeks in hepatitis C virus patients previously treated with a direct-acting antiviral regimen. *Hepatology* (Baltimore, Md.). 2017;.

Garcia-Bengoechea M, Basaras M, Barrio J, Arrese E, Montalvo II, Arenas JI, et al. Late disappearance of hepatitis C virus RNA from peripheral blood mononuclear cells in patients with chronic hepatitis C in sustained response after alpha-interferon therapy. *Am J Gastroenterol*. 1999;94(7):1902-1905.

Garcia-Tsao G, Sanyal AJ, Grace ND, Carey W. Prevention and management of gastroesophageal varices and variceal hemorrhage in cirrhosis. *Hepatology*. 2007;46(3):922-938.

Garimella T, Wang R, Luo WL, Luo WL. Single-dose pharmacokinetics and safety of daclatasvir in subjects with renal function impairment. *Antivir Ther*. 2015;20(5):535-43.

Garrison KL, Custodio JM, Pang PS, Das M, Cheng F, Ma G, et al. Drug interactions between anti-HCV antivirals ledipasvir/sofosbuvir and integrase strand transfer inhibitor-based regimens. 16th International Workshop on Clinical Pharmacology of HIV and Hepatitis Therapy. 2015;.

Garrison KL, Kirby B, Stamm LM, Ma G, Vu A, Ling J, et al. Drug-drug interaction profile of sofosbuvir/velpatasvir/voxilaprevir fixed dose combination [FRI-187]. In EASL. April 19-13. 2017.

Geng X-X, Huang R-G, Lin J-M, Jiang N, Yang X-X. Transient elastography in clinical detection of liver cirrhosis: A systematic review and meta-analysis. *Saudi Journal of Gastroenterology: Official Journal of the Saudi Gastroenterology Association*. 2016;22(4):294 - 303.

George SL, Bacon BR, Brunt EM, Mihindukulasuriya KL, Hoffmann J, Di Bisceglie AM. Clinical, virologic, histologic, and biochemical outcomes after successful HCV therapy: a 5-year follow-up of 150 patients. *Hepatology*. 2009;49(3):729-738.

Gerber L, Estep M, Stepanova M, Escheik C, Weinstein A, Younossi ZM. Effects of Viral Eradication With Ledipasvir and Sofosbuvir, With or Without Ribavirin, on Measures of Fatigue in Patients With Chronic Hepatitis C Virus Infection. *Clinical Gastroenterology and Hepatology: The Official Clinical Practice Journal of the American Gastroenterological Association*. 2016;14(1):156 - 164.e3.

German P, Pang P, West S, Han LL, Sajwani K, Mathias A. Drug interactions between direct acting anti-HCV antivirals sofosbuvir and ledipasvir and HIV antiretrovirals. 15th International Workshop on Clinical Pharmacology of HIV and Hepatitis Therapy. 2014;.

German P, Garrison K, Pang PS, Stamm LM, Ray AS, Shen G, et al. Drug-drug Interactions Between Anti-HCV Regimen Ledipasvir/Sofosbuvir and Antiretrovirals [Abstract 82]. In 22nd Conference on Retroviruses and Opportunistic Infections (CROI) February 23-26. Seattle, WA; 2015.

Gervais A, Bacq Y, Bernuau J, Martinot M, Auperin A, Boyer N, et al. Decrease in serum ALT and increase in serum HCV RNA during pregnancy in women with chronic hepatitis C. *Journal of Hepatology*. 2000;32(2):293 - 299.

Ghany MG, Kleiner DE, Alter H, Doo E, Khokar F, Promrat K, et al. Progression of fibrosis in chronic hepatitis C. *Gastroenterology*. 2003;124(1):97-104.

Ghany MG, Strader DB, Thomas DL, Seeff LB. Diagnosis, management, and treatment of hepatitis C: an update. *Hepatology*. 2009;49(4):1335-1374.

Ghany MG, Nelson DR, Strader DB, Thomas DL, Seeff LB. An update on treatment of genotype 1 chronic hepatitis C virus infection: 2011 practice guideline by the American Association for the Study of Liver Diseases. *Hepatology*. 2011;54(4):1433-1444.

Gisbert JP, Garcia-Buey L, Pajares JM, Moreno-Otero R. Prevalence of hepatitis C virus infection in porphyria cutanea tarda: systematic review and meta-analysis. *J Hepatol*. 2003;39(4):620-627.

Gisbert JP, Garcia-Buey L, Pajares JM, Moreno-Otero R. Systematic review: regression of lymphoproliferative disorders after treatment for hepatitis C infection. *Aliment Pharmacol Ther*. 2005;21(6):653-662.

Gonzalez-Peralta RP, Langham MR, Andres JM, Mohan P, Colombani PM, Alford MK, et al. Hepatocellular carcinoma in 2 young adolescents with chronic hepatitis C. *Journal of Pediatric Gastroenterology and Nutrition*. 2009;48(5):630 - 635.

Goodman ZD, Makhlouf HR, Liu L, Balistreri W, Gonzalez-Peralta RP, Haber B, et al. Pathology of chronic hepatitis C in children: liver biopsy findings in the Peds-C Trial. *Hepatology (Baltimore, Md.)*. 2008;47(3):836 - 843.

Govindasamy D, Ford N, Kranzer K. Risk factors, barriers and facilitators for linkage to antiretroviral therapy care: a systematic review. *AIDS*. 2012;26(16):2059-2067.

Gower E, Estes C, Blach S, Razavi-Shearer K, Razavi H. Global epidemiology and genotype distribution of the hepatitis C virus infection. *Journal of Hepatology*. 2014;61(1 Suppl):S45 - 57.

Grady BP, Schinkel J, Thomas XV, Dalgard O. Hepatitis C virus reinfection following treatment among people who use drugs. *Clin Infect Dis*. 2013;57(Suppl 2):S105-S110.

Grebely J, Matthews GV, Hellard M, Shaw D, Shaw D, Petoumenos K, Yeung B, et al. Adherence to treatment for recently acquired hepatitis C virus (HCV) infection among injecting drug users. *J Hepatol*. 2011;55(1):76-85.

Grebely J, Page K, Sacks-Davis R, van der Loeff MS, Rice TM, Bruneau J, et al. The effects of female sex, viral genotype, and IL28B genotype on spontaneous clearance of acute hepatitis C virus infection. *Hepatology*. 2014;59(1):109-120.

Gumber SC, Chopra S. Hepatitis C: a multifaceted disease. Review of extrahepatic manifestations. *Ann Intern Med*. 1995;123(8):615-620.

Gunthard HF, Aberg JA, Eron JJ, Hoy JF, Telenti A, Benson CA, et al. Antiretroviral treatment of adult HIV infection: 2014 recommendations of the International Antiviral Society-USA panel. *JAMA*. 2014;312(4):410-425.

Hagström H. Alcohol Consumption in Concomitant Liver Disease: How Much is Too Much?. *Current Hepatology Reports*. 2017;16(2):152 - 157.

Harris DR, Gonin R, Alter HJ, Wright EC, Buskell ZJ, Hollinger FB, et al. The relationship of acute transfusion-associated hepatitis to the development of cirrhosis in the presence of alcohol abuse. *Ann Intern Med*. 2001;134(2):120-124.

Harris RJ, Martin NK, Rand E, Mandal S, Multimer D, Vickerman P, et al. New treatments for hepatitis C virus (HCV): scope for preventing liver disease and HCV transmission in England. *J Viral Hepat*. 2016;.

Hashem M, Jhaveri R, Saleh D'aA, Sharaf SA, El-Mougy F, El-Salam LAbd, et al.. Spontaneous viral load decline and subsequent clearance of chronic HCV in postpartum women correlates with favorable IL28B allele. *Clinical Infectious Diseases*. 2017;.

Hassanein T, Wyles D, Wang S, Kwo P, Shiffman ML, Younes Z, et al. SURVEYOR-II, Part 4: Glecaprevir/Pibrentasvir Demonstrates High SVR Rates in Patients With HCV Genotype 2, 4, 5, or 6 Infection Without Cirrhosis Following an 8-Week Treatment Duration [Abstract LB-15]. In 66th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD). 2016.

Hattori Y, Orito E, Ohno T, Sugauchi F, Suzuki S, Sugiura M, et al. Loss of hepatitis C virus RNA after parturition in female patients with chronic HCV infection. *Journal of Medical Virology*. 2003;71(2):205 - 211.

Hayashi K, Ishigami M, Ishizu Y, Ishizu Y. A case of acute hepatitis B in a chronic hepatitis C patient after daclatasvir and asunaprevir combination therapy: hepatitis B virus reactivation or acute self-limited hepatitis?. *Clin J Gastroenterol*. 2016;.

He T, Li K, Roberts MS, Spaulding AC, Ayer T, Grefenstette JJ, et al. Prevention of Hepatitis C by Screening and Treatment in U.S. Prisons. *Ann Intern Med*. 2016;164(2):84-92.

Hellard ME, Hocking JS, Crofts N. The prevalence and the risk behaviours associated with the transmission of hepatitis C virus in Australian correctional facilities. *Epidemiol Infect*. 2004;132(3):409-15.

Hellard ME, Jenkinson R, Higgs P, Stooze MA, Sacks-Davis R, Gold J, et al. Modelling antiviral treatment to prevent hepatitis C infection among people who inject drugs in Victoria, Australia. *Med J Aust*. 2012;196(10):638-641.

Hellard M, Doyle JS, Sacks-Davis R, Thompson AJ, McBryde E. Eradication of hepatitis C infection: the importance of targeting people who inject drugs. *Hepatology*. 2014;59(2):366-369.

Henderson DK, Dembry L, Fishman NO, Grady C, Lundstrom T, Palmore TN, et al. SHEA guideline for management of healthcare workers who are infected with hepatitis B virus, hepatitis C virus, and/or human immunodeficiency virus. *Infect Control Hosp Epidemiol*. 2010;31(3):203-232.

Hermine O, Lefrere F, Bronowicki JP, Mariette X, Jondeau K, Eclache-Saudreau V, et al. Regression of splenic lymphoma with villous lymphocytes after treatment of hepatitis C virus infection. *N Engl J Med*. 2002;347(2):89-94.

Herzer K, Papadopoulos-Kohn A, Walker A, Achterfeld A, Paul A, Canbay A, et al. Daclatasvir, Simeprevir and Ribavirin as a Promising Interferon-Free Triple Regimen for HCV Recurrence after Liver Transplant. *Digestion*. 2015;91(4):326-333.

Hézode C, Asselah T, Reddy KR, Hassanein T, Berenguer M, Fleischer-Stepniewska K, et al.. Ombitasvir plus paritaprevir plus ritonavir with or without ribavirin in treatment-naïve and treatment-experienced patients with genotype 4 chronic hepatitis C virus infection (PEARL-I): a randomised, open-label trial. *Lancet*. 2015;385(9986):2502-9.

Hézode C, Reau N, Svarovskaia ES, Svarovskaia ES. Resistance Analysis in 1284 Patients with Genotype 1-6 HCV Infection Treated with Sofosbuvir/Velpatasvir in the Phase 3 ASTRAL-1, ASTRAL-2, ASTRAL-3, and ASTRAL-4 Studies,. In 51st Annual Meeting of the European Association for the Study of the Liver (EASL) April 13-17. Barcelona, Spain; 2016.

Hézode C, Lebray P, de Ledinghen V, Zoulim F, Di Martino V, Boyer N, et al.. Daclatasvir plus sofosbuvir, with or without ribavirin, for hepatitis C virus genotype 3 in a French early access programme [Epub ahead of print]. *Liver international : official journal of the International Association for the Study of the Liver*. 2017;.

Ho SB, Brau N, Cheung R, Liu L, Sanchez C, Sklar M, et al. Integrated Care Increases Treatment and Improves Outcomes of Patients With Chronic Hepatitis C Virus Infection and Psychiatric Illness or Substance Abuse. *Clin Gastroenterol Hepatol*. 2015;.

Holmberg SD, Spradling PR, Moorman AC, Denniston MM. Hepatitis C in the United States. *N Engl J Med*. 2013;368(20):1859-1861.

Holmes HM, Hayley DC, Alexander GC, Sachs GA. Reconsidering medication appropriateness for patients late in life. *Arch Intern Med*. 2006;166(6):605-609.

Honegger JR, Kim S, Price AA, Kohout JA, McKnight KL, Prasad MR, et al. Loss of immune escape mutations during persistent HCV infection in pregnancy enhances replication of vertically transmitted viruses. *Nature Medicine*. 2013;19(11):1529 - 1533.

Hosein SR, Wilson DP. HIV, HCV, and drug use in men who have sex with men. *Lancet*. 2013;382(9898):1095-1096.

Hourigan LF, Macdonald GA, Purdie D, Whitehall VH, Shorthouse C, Clouston A, et al. Fibrosis in chronic hepatitis C

correlates significantly with body mass index and steatosis. *Hepatology*. 1999;29(4):1215-1219.

Howe AYM, Black S, Curry S, Ludmerer SW, Liu R, Barnard RJO, et al. Virologic resistance analysis from a phase 2 study of MK-5172 combined with pegylated interferon/ribavirin in treatment-naive patients with hepatitis C virus genotype 1 infection. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*. 2014;59(12):1657 - 1665.

Hsu L, Bowlus CL, Stewart SL, Nguyen TT, Dang J, Chan B, et al. Electronic messages increase hepatitis B screening in at-risk Asian American patients: a randomized, controlled trial. *Dig Dis Sci*. 2013;58(3):807-814.

Hsu YC, Lin JT, Ho HJ, Kao YH, Huang YT, Hsiao NW, et al. Antiviral treatment for hepatitis C virus infection is associated with improved renal and cardiovascular outcomes in diabetic patients. *Hepatology*. 2014;59(4):1293-1302.

Hsu YC, Ho HJ, Huang YT, Wang HH, Wu MS, Lin JT, et al. Association between antiviral treatment and extrahepatic outcomes in patients with hepatitis C virus infection. *Gut*. 2015;64(3):495-503.

Hung CH, Wang JH, Hu TH, Chen CH, Chang KC, Yen YH, et al. Insulin resistance is associated with hepatocellular carcinoma in chronic hepatitis C infection. *World J Gastroenterol*. 2010;16(18):2265-2271.

Hussein NR, Sidiq Z, Saleem M. Successful treatment of hepatitis c virus genotype 4 in renal transplant recipients with direct-acting antiviral agents. *Am J Transplant*. 2016th ed. 2016;.

Ingiliz P, Christensen S, Kimhofer T, Hueppe D, Lutz T, Schewe K, et al. Sofosbuvir and Ledipasvir for 8 Weeks for the treatment of chronic hepatitis C Virus (HCV) Infection in HCV-Monoinfected and HIV-HCV-Coinfected individuals: Results from the German Hepatitis C Cohort (GECCO-01). *Clin Infect Dis*. 2016;63(10):1320-1324.

Ioannou GN, Beste LA, Chang MF, Green PK, Lowy E, Tsui JI, et al. Effectiveness of Sofosbuvir, Ledipasvir/Sofosbuvir, or Paritaprevir/Ritonavir/Ombitasvir and Dasabuvir Regimens for Treatment of Patients with Hepatitis C in the Veterans Affairs National Health Care System. *Gastroenterology*. 2016;151(3):457-471.e5.

Islam MM, Topp L, Conigrave KM, White A, Reid SE, Grummett S, et al. Linkage into specialist hepatitis C treatment services of injecting drug users attending a needle syringe program-based primary healthcare centre. *J Subst Abuse Treat*. 2012;43(4):440-445.

Jacobson IM, Poordad F, Firpi-Morell R, Everson GT. Efficacy and Safety of Grazoprevir and Elbasvir in Hepatitis C Genotype 1-infected Patients with Child-Pugh class B cirrhosis (C-salt part A) [Abstract O008]. In 50th Annual Meeting of the European Association for the Study of the Liver (EASL), April 22-26. Vienna, Austria; 2015.

Jacobson IM, Asante-Appiah E, Wong P, Black T, Howe A, Wahl J, et al. Prevalence and Impact of Baseline NSA Resistance Associated Variants (RAVs) on the Efficacy of Elbasvir/Grazoprevir (EBR/GZR) Against GT1a Infection [Abstract LB-22]. In 66th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD), November 13-17, 2015. San Francisco, CA; 2015.

Jacobson IM, Lawitz E, Gane EJ, Willems BE, Ruane PJ, Nahass RG, et al. Efficacy of 8 Weeks of Sofosbuvir, Velpatasvir, and Voxilaprevir in Patients With Chronic HCV Infection: 2 Phase 3 Randomized Trials. *Gastroenterology*. 2017;153(1):113 - 122.

Jadoul M, Cornu C, van Ypersele de Strihou C. Universal precautions prevent hepatitis C virus transmission: a 54 month follow-up of the Belgian Multicenter Study. The Universitaires Cliniques St-Luc (UCL) Collaborative Group. *Kidney Int*. 1998;53(4):1022-1025.

Jezequel C, Bardou-Jacquet E, Desille Y, Renard I, Laine F, Lelan C, et al. Survival of patients infected by chronic hepatitis C and F0F1 fibrosis at baseline after a 15 year follow-up. 50th Annual Meeting of the European Association for the Study of the Liver (EASL). 2015;:S589.

Jhaveri R. Diagnosis and management of hepatitis C virus-infected children. *The Pediatric Infectious Disease Journal*. 2011;30(11):983 - 985.

Jhaveri R, Hashem M, El-Kamary SS, Saleh D'aA, Sharaf SA, El-Mougy F, et al. Hepatitis C Virus (HCV) Vertical Transmission in 12-Month-Old Infants Born to HCV-Infected Women and Assessment of Maternal Risk Factors. *Open Forum Infectious Diseases*. 2015;2(2):ofv089.

Johnson RJ, Gretch DR, Yamabe H, Hart J, Bacchi CE, Hartwell P, et al. Membranoproliferative glomerulonephritis associated with hepatitis C virus infection. *N Engl J Med*. 1993;328(7):465-470.

Johnson RJ, Gretch DR, Couser WG, Alpers CE, Wilson J, Chung M, et al. Hepatitis C virus-associated glomerulonephritis. Effect of alpha-interferon therapy. *Kidney Int*. 1994;46(6):1700-1704.

Kamal SM. Acute hepatitis C: a systematic review. *Am J Gastroenterol*. 2008;103(5):1283-1297.

Kamal S, Khan MAli, Seth A, Cholankeril G, Gupta D, Singh U, et al. Beneficial Effects of Statins on the Rates of Hepatic Fibrosis, Hepatic Decompensation, and Mortality in Chronic Liver Disease: A Systematic Review and Meta-Analysis. *The American Journal of Gastroenterology*. 2017;112(10):1495 - 1505.

Kamar N, Marion O, Rostaing L, Cointault O, Ribes D, Lavayssière L, et al.. Efficacy and Safety of Sofosbuvir-Based Antiviral Therapy to Treat Hepatitis C Virus Infection After Kidney Transplantation. *American Journal of Transplantation: Official Journal of the American Society of Transplantation and the American Society of Transplant Surgeons*. 2016;16(5):1474 - 1479.

Kanwal F, Kramer JR, Ilyas J, Duan Z, El-Serag HB. HCV genotype 3 is associated with an increased risk of cirrhosis and hepatocellular cancer in a national sample of U.S. Veterans with HCV. *Hepatology*. 2014;60(1):98-105.

KDIGO clinical practice guidelines for the prevention, diagnosis, evaluation, and treatment of hepatitis C in chronic kidney disease. *Kidney Int Suppl*. 2008;(109):S1-99.

Khatri A, Trinh R, Zhao W. Drug-drug interactions of ombitasvir/paritaprevir/r plus dasabuvir with dolutegravir or abacavir

plus lamivudine. 16th International Workshop on Clinical Pharmacology of HIV & Hepatitis Therapy. 2015;.

Khatri A, Dutta S, Wang H, et al. Evaluation of Drug-Drug Interactions Between Hepatitis C Antiviral Agents Ombitasvir, Paritaprevir/Ritonavir, and Dasabuvir and HIV-1 Protease Inhibitors. *Clin Infect Dis*. 2016;.

Khokhar OS, Lewis JH. Reasons why patients infected with chronic hepatitis C virus choose to defer treatment: do they alter their decision with time?. *Dig Dis Sci*. 2007;52(5):1168-1176.

Kim AY, Nagami EH, Birch CE, Bowen MJ, Lauer GM, McGovern BH. A simple strategy to identify acute hepatitis C virus infection among newly incarcerated injection drug users. *Hepatology*. 2013;57(3):944-952.

Kirk GD, Mehta SH, Astemborski J, Galai N, Washington J, Higgins Y, et al. HIV, age, and the severity of hepatitis C virus-related liver disease: a cohort study. *Ann Intern Med*. 2013;158(9):658-666.

Kleiner DE. The liver biopsy in chronic hepatitis C: a view from the other side of the microscope. *Semin Liver Dis*. 2005;25(1):52-64.

Kohler JJ, Nettles JH, Amblard F, Hurwitz SJ, Bassit L, Stanton RA, et al. Approaches to hepatitis C treatment and cure using NS5A inhibitors. *Infect Drug Resist*. 2014;7:41-56.

Kohli A, Kapoor R, Sims Z, Nelson A, Sidharthan S, Lam B, et al. Ledipasvir and sofosbuvir for hepatitis C genotype 4: a proof-of-concept, single-centre, open-label phase 2a cohort study. *The Lancet. Infectious Diseases*. 2015;15(9):1049 - 1054.

Konerman MA, Mehta SH, Sutcliffe CG, Vu T, Higgins Y, Torbenson MS, et al. Fibrosis progression in human immunodeficiency virus/hepatitis C virus coinfecting adults: prospective analysis of 435 liver biopsy pairs. *Hepatology*. 2014;59(3):767-775.

Koneru A, Nelson N, Hariri S, Canary L, Sanders KJ, Maxwell JF, et al. Increased Hepatitis C Virus (HCV) Detection in Women of Childbearing Age and Potential Risk for Vertical Transmission - United States and Kentucky, 2011-2014. *MMWR. Morbidity and mortality weekly report*. 2016;65(28):705 - 710.

Kosloski MP, Viani RM, Qi X, Trinh R, Campbell A, Liu W. Glecaprevir and Pibrentasvir Interactions with Combination Antiretroviral Regimens [Poster #413]. In CROI. February 14-17. 2017.

Kowdley KV, Gordon SC, Reddy KR, Rossaro L, Bernstein DE, Lawitz EJ, et al. Ledipasvir and sofosbuvir for 8 or 12 weeks for chronic HCV without cirrhosis. *N Engl J Med*. 2014;370(20):1879-1888.

Kowdley KV, Sundaram V, Jeon CY, Qureshi K, Latt NL, Sahota A, et al. Eight weeks of Ledipasvir/Sofosbuvir is effective for selected patients with genotype 1 Hepatitis C virus infection. *Hepatology*. 2016;.

Kowdley KV, Colombo M, Zadeikis N. ENDURANCE-2: Safety and Efficacy of ABT-493/ABT-530 in Hepatitis C Virus

Genotype 2-Infected Patients Without Cirrhosis: A Randomized, Double-Blind, Placebo-Controlled Study. [Abstract 73]. In AASLD Liver Meeting. November 11-15. 2016.

Krishnan P, Schnell G, Tripathi R, Ng T, Reisch T, Beyer J, et al. Pooled resistance analysis in HCV genotype 1-6-infected patients treated with glecaprevir/pibrentasvir in phase 2 and 3 clinical trials [Abstract FRI-205]. In The Liver Meeting. EASL. Amsterdam. 2017.

Kruse RL, Kramer JR, Tyson GL, Duan Z, Chen L, El-Serag HB, et al. Clinical outcomes of hepatitis B virus coinfection in a United States cohort of hepatitis C virus-infected patients. *Hepatology (Baltimore, Md.)*. 2014;60(6):1871 - 1878.

Kushner T, Serper M, Kaplan DE. Delta hepatitis within the Veterans Affairs medical system in the United States: Prevalence, risk factors, and outcomes. *J Hepatol*. 2015;63(3):586-92.

Kwo PY, Gane EJ, Peng C-Y, et al. P0886: Efficacy and safety of grazoprevir/elbasvir +/- RBV for 12 weeks in patients with HCV G1 or G4 infection who previously failed peginterferon/RBV: C-edge treatment-experienced trial. *J Hepatol*. 2015;62:Supplement 2:S674-5.

Kwo PY, Gitlin N, Nahass R, et al. Simeprevir Plus Sofosbuvir (12 and 8 Weeks) in HCV Genotype 1-Infected Patients Without Cirrhosis: OPTIMIST-1, a Phase 3, Randomized Study. *Hepatology*. 2016;.

Kwo PY, Wyles DL, Wang S, Poordad F, Gane E, Maliakkal B, et al. 100% SVR4 with ABT-493 and ABT-530 with or without Ribavirin in Treatment-Naïve HCV Genotype 3-Infected Patients with Cirrhosis. *Journal of Hepatology*. 2016;64(2):S208.

Kwo PY, Gane EJ, Peng CY, Pearlman B, Vierling JM, Serfaty L, et al. Effectiveness of Elbasvir and Grazoprevir Combination, With or Without Ribavirin, for Treatment-Experienced Patients With Chronic Hepatitis C Infection. *Gastroenterology*. 2017;152(1):164-175.e4.

Kwo PY, Poordad F, Asatryan A, Wang S, Wyles DL, Hassanein T, et al. Glecaprevir and pibrentasvir yield high response rates in patients with HCV genotype 1-6 without cirrhosis. *Journal of Hepatology*. 2017;67(2):263 - 271.

Kwok RM, Ahn J, Schiano TD, Te HS, Potosky DR, Tierney A, et al. Sofosbuvir plus ledipasvir for recurrent hepatitis C in liver transplant recipients. *Liver Transplantation: Official Publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*. 2016;22(11):1536 - 1543.

Lai JC, Kahn JG, Tavakol M, Peters MG, Roberts JP. Reducing infection transmission in solid organ transplantation through donor nucleic Acid testing: a cost-effectiveness analysis. *Am J Transplant*. 2013;13(10):2611-2618.

Lambers FA, Prins M, Thomas X, Molenkamp R, Kwa D, Brinkman K, et al. Alarming incidence of hepatitis C virus re-infection after treatment of sexually acquired acute hepatitis C virus infection in HIV-infected MSM. *AIDS*. 2011;25(17):F21-F27.

Landau DA, Scerra S, Sene D, Resche-Rigon M, Saadoun D, Cacoub P. Causes and predictive factors of mortality in a

cohort of patients with hepatitis C virus-related cryoglobulinemic vasculitis treated with antiviral therapy. *J Rheumatol*. 2010;37(3):615-621.

Larney S, Kopinski H, Beckwith CG, Zaller ND, Jarlais DD, Hagan H, et al. Incidence and prevalence of hepatitis C in prisons and other closed settings: Results of a systematic review and meta-analysis. *Hepatology*. 2013;58(4):1215-1224.

Lawitz EJ, Poordad F, Pang PS, Hyland RH, Ding X, Mo H, et al. Sofosbuvir and ledipasvir fixed-dose combination with and without ribavirin in treatment-naïve and previously treated patients with genotype 1 hepatitis C virus infection (LONESTAR): an open-label, randomised, phase 2 trial. *Lancet*. 2014;383(9916):515-523.

Lawitz EJ, Sulkowski MS, Ghalib R, Rodriguez-Torres M, Younossi ZM, Corregidor A, et al. Simeprevir plus sofosbuvir, with or without ribavirin, to treat chronic infection with hepatitis C virus genotype 1 in non-responders to pegylated interferon and ribavirin and treatment-naïve patients: the COSMOS randomised study. *Lancet*. 2014;384(9956):1756-1765.

Lawitz EJ, Gane EJ, Pearlman B, Tam E, Ghesquiere W, Guyader D, et al. Efficacy and safety of 12 wks vs 18 wks of treatment w/ GRZ and ELB w/ or without RBV for HCV GT1 infection in previously untreated pts w/ cirrhosis and pts w/ previous null response w/ or without cirrhosis (C-WORTHY), randomised, open-label phase 2 trial. *Lancet*. 2015;385(9973):1075-86.

Lawitz EJ, Poordad F, Gutierrez JA, Kakuda TN, Picchio G, Beets G, et al. Simeprevir, daclatasvir and sofosbuvir for hepatitis C virus-infected patients with decompensated liver disease. *J Viral Hepat*. 2016 Nov 23th ed. 2017;24(4):287-294.

Lee SR, Kardos KW, Schiff ER, Berne CA, Mounzer K, Banks AT, et al. Evaluation of a new, rapid test for detecting HCV infection, suitable for use with blood or oral fluid. *J Virol Methods*. 2011;172(1-2):27-31.

Lee CK, Perez-Atayde AR, Mitchell PD, Raza R, Afdhal NH, Jonas MM. Serum biomarkers and transient elastography as predictors of advanced liver fibrosis in a United States cohort: the Boston children's hospital experience. *The Journal of Pediatrics*. 2013;163(4):1058 - 1064.e2.

Lee JJ, Lin MY, Chang JS, et al. Hepatitis C virus infection increases risk of developing end-stage renal disease using competing risk analysis. *PLoS one*. 2014;9(6):e100790.

Leroy V, Angus P, Bronowicki JP, Dore GJ, Hézode C, Pianko S, et al.. Daclatasvir, sofosbuvir, and ribavirin for hepatitis C virus genotype 3 and advanced liver disease: A randomized phase III study (ALLY-3+). *Hepatology*. 2016 Mar 4.th ed. 2016;63(5):1430-41.

Levitsky J, Verna EC, O'Leary JG, Bzowej NH, Moonka DK, Hyland RH, et al. Perioperative Ledipasvir-Sofosbuvir for HCV in Liver-Transplant Recipients. *The New England Journal of Medicine*. 2016;375(21):2106 - 2108.

Lewis JH, Mortensen ME, Zweig S, Fusco MJ, Medoff JR, Belder R. Efficacy and safety of high-dose pravastatin in hypercholesterolemic patients with well-compensated chronic liver disease: Results of a prospective, randomized, double-blind, placebo-controlled, multicenter trial. *Hepatology*. 2007;46(5):1453-1463.

Limketkai BN, Mehta SH, Sutcliffe CG, Higgins YM, Torbenson MS, Brinkley SC, et al. Relationship of liver disease stage and antiviral therapy with liver-related events and death in adults coinfecting with HIV/HCV. *JAMA*. 2012;308(4):370-378.

Lin HH, Kao JH. Hepatitis C virus load during pregnancy and puerperium. *BJOG: an international journal of obstetrics and gynaecology*. 2000;107(12):1503 - 1506.

Linas BP, Wong AY, Schackman BR, Kim AY, Freedberg KA. Cost-effective screening for acute hepatitis C virus infection in HIV-infected men who have sex with men. *Clin Infect Dis*. 2012;55(2):279-290.

Linas BP, Barter DM, Morgan JR, Pho MT, Leff JA, Schackman BR, et al. The cost-effectiveness of sofosbuvir-based regimens for treatment of hepatitis C virus genotype 2 or 3 infection. *Ann Intern Med*. 2015;162(9):619-629.

Litwin AH, Harris, Jr. KA, Nahvi S, Zamor PJ, Soloway IJ, Tenore PL, et al. Successful treatment of chronic hepatitis C with pegylated interferon in combination with ribavirin in a methadone maintenance treatment program. *J Subst Abuse Treat*. 2009;37(1):32-40.

Litwin AH, Smith BD, Drainoni ML, McKee D, Gifford AL, Koppelman E, et al. Primary care-based interventions are associated with increases in hepatitis C virus testing for patients at risk. *Dig Liver Dis*. 2012;44(6):497-503.

Lo Re V, Kallan MJ, Tate JP, Localio AR, Lim JK, Goetz MB, et al. Hepatic decompensation in antiretroviral-treated patients co-infected with HIV and hepatitis C virus compared with hepatitis C virus-monoinfected patients: a cohort study. *Ann Intern Med*. 2014;160(6):369-379.

Lo Re V, Gowda C, Urick PN, Halladay JT, Binkley A, Carbonari DM, et al. Disparities in Absolute Denial of Modern Hepatitis C Therapy by Type of Insurance. *Clinical Gastroenterology and Hepatology: The Official Clinical Practice Journal of the American Gastroenterological Association*. 2016;14(7):1035 - 1043.

Lok AS, McMahon BJ. Chronic hepatitis B: update 2009. *AASLD practice guideline update. Hepatology*. 2009;50(3):661-662.

Louie KS, St Laurent S, Forssen UM, Mundy LM, Pimenta JM. The high comorbidity burden of the hepatitis C virus infected population in the United States. *BMC Infect Dis*. 2012;12:86.

Lucas GM, Ross MJ, Stock PG, Shlipak MG, Wyatt CM, Gupta SK, et al. Executive Summary: Clinical Practice Guideline for the Management of Chronic Kidney Disease in Patients Infected With HIV: 2014 Update by the HIV Medicine Association of the Infectious Diseases Society of America. *Clin Infect Dis*. 2014;59(9):1203-1207.

Ly KN, Jiles RB, Teshale EH, Foster MA, Pesano RL, Holmberg SD. Hepatitis C Virus Infection Among Reproductive-Aged Women and Children in the United States, 2006 to 2014. *Annals of Internal Medicine*. 2017;166(11):775 - 782.

MacBrayne CE, Castillo-Mancilla J, Burton J, MaWhinney S, Wagner C, Micke K, et al. Small increase in dolutegravir

trough, but equivalent total exposure with simeprevir [P_48]. In International Workshop on Clinical Pharmacology of Antiviral Therapy. June 14-16. 2017.

Macias J, Berenguer J, Japon MA, Giron JA, Rivero A, Lopez-Cortes LF, et al. Fast fibrosis progression between repeated liver biopsies in patients coinfecting with human immunodeficiency virus/hepatitis C virus. *Hepatology*. 2009;50(4):1056-1063.

Mack CL, Gonzalez-Peralta RP, Gupta N, Leung D, Narkewicz MR, Roberts EA, et al. NASPGHAN practice guidelines: Diagnosis and management of hepatitis C infection in infants, children, and adolescents. *Journal of Pediatric Gastroenterology and Nutrition*. 2012;54(6):838 - 855.

Maddison AR, Fisher J, Johnston G. Preventive medication use among persons with limited life expectancy. *Prog Palliat Care*. 2011;19(1):15-21.

Mahajan R, Liu SJ, Klevens RM, Holmberg SD. Indications for testing among reported cases of HCV infection from enhanced hepatitis surveillance sites in the United States, 2004-2010. *Am J Public Health*. 2013;103(8):1445-1449.

Manns MP, Pockros PJ, Norkrans G, Smith CI, Morgan TR, Haussinger D, et al. Long-term clearance of hepatitis C virus following interferon alpha-2b or peginterferon alpha-2b, alone or in combination with ribavirin. *J Viral Hepat*. 2013;20(8):524-529.

Manns M, Samuel D, Gane EJ, Mutimer D, McCaughan G, Buti M, et al. Ledipasvir and sofosbuvir plus ribavirin in patients with genotype 1 or 4 hepatitis C virus infection and advanced liver disease: a multicentre, open-label, randomised, phase 2 trial. *Lancet Infect Diseases*. 2016;16(6):685-697.

Marcellin P, Boyer N, Gervais A, Martinot M, Pouteau M, Castelnau C, et al. Long-term histologic improvement and loss of detectable intrahepatic HCV RNA in patients with chronic hepatitis C and sustained response to interferon-alpha therapy. *Ann Intern Med*. 1997;127(10):875-881.

Marrie TJ, Tyrrell GJ, Garg S, et al. Factors predicting mortality in invasive pneumococcal disease in adults in Alberta. *Medicine (Baltimore)*. 2011;90(3):171-9.

Martin NK, Hickman M, Hutchinson SJ, Goldberg DJ, Vickerman P. Combination interventions to prevent HCV transmission among people who inject drugs: modeling the impact of antiviral treatment, needle and syringe programs, and opiate substitution therapy. *Clin Infect Dis*. 2013;57(Suppl 2):S39-S45.

Martin NK, Vickerman P, Grebely J, Hellard M, Hutchinson SJ, Lima VD, et al. Hepatitis C virus treatment for prevention among people who inject drugs: Modeling treatment scale-up in the age of direct-acting antivirals. *Hepatology*. 2013;58(5):1598-1609.

Martin NK, Thornton A, Hickman M, Sabin C, Nelson M, Cooke GS, et al. Can Hepatitis C Virus (HCV) Direct-Acting Antiviral Treatment as Prevention Reverse the HCV Epidemic Among Men Who Have Sex With Men in the United Kingdom? *Epidemiological and Modeling Insights*. *Clin Infect Dis*. 2016 Feb 16.th ed. 2016;62(9):1072-80.

Martin NK, Vickerman P, Dore GJ, Grebely J, Miners A, Cairns J, et al. Prioritization of HCV treatment in the directacting antiviral era: An economic evaluation. *J Hepatol*. 2016;65(1):17-25.

Mast EE, Hwang L-Y, Seto DSY, Nolte FS, Nainan OV, Wurtzel H, et al. Risk factors for perinatal transmission of hepatitis C virus (HCV) and the natural history of HCV infection acquired in infancy. *The Journal of Infectious Diseases*. 2005;192(11):1880 - 1889.

Matheï C, Bourgeois S, Blach S, Brixko C, Mulkay JP, Razavi H, et al.. Mitigating the burden of hepatitis C virus among people who inject drugs in Belgium. *Acta Gastro-Enterologica Belgica*. 2016;79(2):227 - 232.

Mazzaro C, Little D, Pozzato G. Regression of splenic lymphoma after treatment of hepatitis C virus infection. *N Engl J Med*. 2002;347(26):2168-2170.

McCombs JS, Tonnu-MiHara I, Matsuda T, McGinnis J, Fox S. Can hepatitis C treatment be safely delayed? Evidence from the Veterans Administration Healthcare System. 50th Annual Meeting of the European Association for the Study of the Liver (EASL). 2015;:S191.

McGovern BH, Birch CE, Bowen MJ, Reyor LL, Nagami EH, Chung RT, et al. Improving the diagnosis of acute hepatitis C virus infection with expanded viral load criteria. *Clin Infect Dis*. 2009;49(7):1051-1060.

McGowan CE, Monis A, Bacon BR, Mallolas J, Goncales, Jr. FL, Goulis I, et al. A global view of hepatitis C: physician knowledge, opinions, and perceived barriers to care. *Hepatology*. 2013;57(4):1325-1332.

Mehta SH, Brancati FL, Sulkowski MS, Strathdee SA, Szklo M, Thomas DL. Prevalence of type 2 diabetes mellitus among persons with hepatitis C virus infection in the United States. *Ann Intern Med*. 2000;133(8):592-599.

Mehta SH, Lucas GM, Mirel LB, Torbenson M, Higgins Y, Moore RD, et al. Limited effectiveness of antiviral treatment for hepatitis C in an urban HIV clinic. *AIDS*. 2006;20(18):2361-2369.

Menon RM, Badri PS, Wang T, Polepally AR, Zha J, Khatri A, et al. Drug-drug interaction profile of the all-oral anti-hepatitis C virus regimen of paritaprevir/ritonavir, ombitasvir, and dasabuvir. *Journal of Hepatology*. 2015;63(1):20 - 29.

Merchante N, Giron-Gonzalez JA, Gonzalez-Serrano M, Torre-Cisneros J, Garcia-Garcia JA, Arizcorreta A, et al. Survival and prognostic factors of HIV-infected patients with HCV-related end-stage liver disease. *AIDS*. 2006;20(1):49-57.

Midgard H, Bramness JG, Skurtveit S, Haukeland JW, Dalgard O. Hepatitis C Treatment Uptake among Patients Who Have Received Opioid Substitution Treatment: A Population-Based Study. *PLoS One*. 2016;11(11):e0166451.

Miller L, Fluker SA, Osborn M, Liu X, Strawder A. Improving access to hepatitis C care for urban, underserved patients using a primary care-based hepatitis C clinic. *J Natl Med Assoc*. 2012;104(5-6):244-250.

- Minola E, Prati D, Suter F, Maggiolo F, Caprioli F, Sonzogni A, et al. Age at infection affects the long-term outcome of transfusion-associated chronic hepatitis C. *Blood*. 2002;99(12):4588 - 4591.
- Mira JA, Rivero-Juárez A, Lopez-Cortes LF, Giron-Gonzalez JA, Tellez F, Santos-Gil ID, et al.. Benefits from sustained virologic response to pegylated interferon plus ribavirin in HIV/hepatitis C virus-coinfected patients with compensated cirrhosis. *Clin Infect Dis*. 2013;56(11):1646-1653.
- Modi AA, Nazario H, Trotter JF, et al. Safety and efficacy of Simeprevir plus sofosbuvir with or without Ribavirin in patients with decompensated Genotype 1 Hepatitis C cirrhosis. *Liver Transplantation* 2016. 2016;22:281-286.
- Mogalian E, et al. Use of Multiple Probes to Assess Transporter- and Cytochrome P450-Mediated Drug-Drug Interaction Potential of the Pangenotypic HCV NS5A Inhibitor Velpatasvir. *Clin Pharmacokinet*. 2016;55(5):605-13.
- Morgan TR, Ghany MG, Kim HY, Snow KK, Shiffman ML, De Santo JL, et al. Outcome of sustained virological responders with histologically advanced chronic hepatitis C. *Hepatology*. 2010;52(3):833-844.
- Morgan RL, Baack B, Smith BD, Yartel A, Pitasi M, Falck-Ytter Y. Eradication of hepatitis C virus infection and the development of hepatocellular carcinoma: a meta-analysis of observational studies. *Ann Intern Med*. 2013;158(5 Pt 1):329-337.
- Morisco F, Granata R, Stroffolini T, Guarino M, Donnarumma L, Gaeta L, et al. Sustained virological response: a milestone in the treatment of chronic hepatitis C. *World J Gastroenterol*. 2013;19(18):2793-2798.
- Morrill JA, Shrestha M, Grant RW. Barriers to the treatment of hepatitis C. Patient, provider, and system factors. *J Gen Intern Med*. 2005;20(8):754-758.
- Mosley JW, Operskalski EA, Tobler LH, Buskell ZJ, Andrews WW, Phelps B, et al. The course of hepatitis C viraemia in transfusion recipients prior to availability of antiviral therapy. *J Viral Hepat*. 2008;15(2):120-128.
- Moyer VA. Screening for HIV: U.S. Preventive Services Task Force Recommendation Statement. *Ann Intern Med*. 2013;159(1):51-60.
- Murphy SM, Dweik D, McPherson S, Roll JM. Association between hepatitis C virus and opioid use while in buprenorphine treatment: preliminary findings. *The American Journal of Drug and Alcohol Abuse*. 2015;41(1):88 - 92.
- Musso G, Gambino R, Cassader M, Pagano G. A meta-analysis of randomized trials for the treatment of nonalcoholic fatty liver disease. *Hepatology*. 2010;52(1):79-104.
- Naggie S, Cooper C, Saag M, Workowski K, Ruane PJ, Towner WJ, et al. Ledipasvir and sofosbuvir for HCV in patients coinfecting with HIV-1. *N Engl J Med*. 2015;373(8):705-713.
- Najafzadeh M, Andersson K, Shrank WH, et al. Cost-effectiveness of novel regimens for the treatment of hepatitis C virus.

Ann Intern Med. 2015;162(6):407-19.

Nakano Y, Kiyosawa K, Sodeyama T, Tanaka E, Matsumoto A, Ichijo T, et al. Acute hepatitis C transmitted by needlestick accident despite short duration interferon treatment. *J Gastroenterol Hepatol.* 1995;10(5):609-611.

A national strategy for the elimination of hepatitis B and C. Washington, DC: The National Academies Press.: National Academies of Sciences, Engineering, and Medicine; 2017 .

Nazario HE, Ndungu M, Modi AA. Sofosbuvir and simeprevir in hepatitis C genotype 1-patients with endstage renal disease on haemodialysis or GFR

Neary MP, Cort S, Bayliss MS, Ware, Jr. JE. Sustained virologic response is associated with improved health-related quality of life in relapsed chronic hepatitis C patients. *Semin Liver Dis.* 1999;19(Suppl 1):77-85.

Nelson PK, Mathers BM, Cowie B, Hagan H, Des JD, Horyniak D, et al. Global epidemiology of hepatitis B and hepatitis C in people who inject drugs: results of systematic reviews. *Lancet.* 2011;378(9791):571-583.

Nelson DR, Cooper JN, Lalezari JP, Lawitz EJ, Pockros PJ, Gitlin N, et al. All-oral 12-week treatment with daclatasvir plus sofosbuvir in patients with hepatitis C virus genotype 3 infection: ALLY-3 phase III study. *Hepatology.* 2015;61(4):1127-1135.

Neumann UP, Berg T, Bahra M, Seehofer D, Langrehr JM, Neuhaus R, et al. Fibrosis progression after liver transplantation in patients with recurrent hepatitis C. *J Hepatol.* 2004;41(5):830-836.

Ng T, Lu L, Reisch T, Krishnan P, Schnell G, Tripathi R, et al. Resistance selection using glecaprevir and pibrentasvir in replicons of major hepatitis C virus genotypes. *Journal of Hepatology [Internet].* 2017;66(1):S324.
[http://dx.doi.org/10.1016/S0168-8278\(17\)30972-8](http://dx.doi.org/10.1016/S0168-8278(17)30972-8)

Noda K, Yoshihara H, Suzuki K, Yamada Y, Kasahara A, Hayashi N, et al. Progression of type C chronic hepatitis to liver cirrhosis and hepatocellular carcinoma--its relationship to alcohol drinking and the age of transfusion. *Alcohol Clin Exp Res.* 1996;20(1 Suppl):95A-100A.

Nutt AK, Hassan HA, Lindsey J, Lamps LW, Raufman JP. Liver biopsy in the evaluation of patients with chronic hepatitis C who have repeatedly normal or near-normal serum alanine aminotransferase levels. *Am J Med.* 2000;109(1):62-64.

O'Brien TR, Lang Kuhs KA, Pfeiffer RM. Subgroup differences in response to 8 weeks of ledipasvir/sofosbuvir for chronic hepatitis C. *Open Forum Infectious Diseases.* 2014;1(3):ofu110.

O'Leary JG, Fontana RJ, Brown K, Burton, Jr JR, Firpi-Morell R, Muir A, et al. Efficacy and safety of simeprevir and sofosbuvir with and without ribavirin in subjects with recurrent genotype 1 hepatitis C postorthotopic liver transplant: the randomized GALAXY study. *Transplant international : official journal of the European Society for Organ Transplantation.* 2017;30(2):196 - 208.

Oberoi RK, Kosloski MP, Ding B, Hu B, Wang S, Kort J, et al. Interactions Between ABT-493 plus ABT-530 combination and rilpivirine or raltegravir [Poster #453]. In CROI. February 22-25. 2016.

Janssen Therapeutics. Olysio Prescribing Information 2017. Titusville, NJ: Janssen Therapeutics; 2017.

Ortiz V, Berenguer M, Rayon JM, Carrasco D, Berenguer J. Contribution of obesity to hepatitis C-related fibrosis progression. *Am J Gastroenterol*. 2002;97(9):2408-2414.

Osinusi A, Kohli A, Marti MM, Nelson A, Zhang X, Meissner EG, et al. Re-treatment of chronic hepatitis C virus genotype 1 infection after relapse: an open-label pilot study. *Ann Intern Med*. 2014;161(9):634-638.

Osinusi A, Townsend K, Kohli A, Nelson A, Seamon C, Meissner EG, et al. Virologic response following combined ledipasvir and sofosbuvir administration in patients with HCV genotype 1 and HIV coinfection. *JAMA*. 2015;313(12):1232-1239.

Ouwkerk-Mahadevan S, Snoeys J, Peeters M, Beumont-Mauviel M, Simion A. Drug-Drug Interactions with the NS3/4A Protease Inhibitor Simeprevir. *Clinical Pharmacokinetics*. 2016;55(2):197 - 208.

Ouwkerk-Mahadevan S, Sekar V, Peeters M, Peeters M. Drug-Drug Interactions with the NS3/4A Protease Inhibitor Simeprevir. *Clin Pharmacokinet*. 2016;55(2):197-208.

Pawlotsky JM. Use and interpretation of virological tests for hepatitis C. *Hepatology*. 2002;36(5 Suppl 1):S65-S73.

Pawlotsky J-M. Hepatitis C Virus Resistance to Direct-Acting Antiviral Drugs in Interferon-Free Regimens. *Gastroenterology*. 2016;151(1):70 - 86.

Petta S, Camma C, di Marco V, Alessi N, Cabibi D, Caldarella R, et al. Insulin resistance and diabetes increase fibrosis in the liver of patients with genotype 1 HCV infection. *Am J Gastroenterol*. 2008;103(5):1136-1144.

Petta S, Maida M, Macaluso FS, Barbara M, Licata A, Craxi A, et al. Hepatitis C Virus Infection Is Associated With Increased Cardiovascular Mortality: A Meta-Analysis of Observational Studies. *Gastroenterology*. 2015 Sep 18th ed. 2016;150(1):145-155.e4.

Pianko S, Flamm SL, Shiffman ML, Kumar S, Strasser SI, Dore GJ, et al. Sofosbuvir Plus Velpatasvir Combination Therapy for Treatment-Experienced Patients With Genotype 1 or 3 Hepatitis C Virus Infection: A Randomized Trial. *Annals of Internal Medicine*. 2015;163(11):809 - 817.

Picciotto FP, Tritto G, Lanza AG, Addario L, De LM, Di Costanzo GG, et al. Sustained virological response to antiviral therapy reduces mortality in HCV reinfection after liver transplantation. *J Hepatol*. 2007;46(3):459-465.

Pineda JA, Romero-Gomez M, Díaz-García F, Giron-Gonzalez JA, Montero JL, Torre-Cisneros J, et al.. HIV coinfection

shortens the survival of patients with hepatitis C virus-related decompensated cirrhosis. *Hepatology*. 2005;41:779-789.

Pol S, Bourliere M, Lucier S, Hézode C, Dorival C, Larrey D, et al.. Safety and efficacy of daclatasvir-sofosbuvir in HCV genotype 1-mono-infected patients. *Journal of hepatology*. 2017;66(1):39 - 47.

Poordad F, Hézode C, Trinh R, Kowdley KV, Zeuzem S, Agarwal K, et al.. ABT-450/r-ombitasvir and dasabuvir with ribavirin for hepatitis C with cirrhosis. *N Engl J Med*. 2014;370(21):1973-82.

Poordad F, Schiff ER, Vierling JM, Landis C, Fontana RJ, Yang R, et al. Daclatasvir with sofosbuvir and ribavirin for hepatitis C virus infection with advanced cirrhosis or post-liver transplantation recurrence. *Hepatology*. 2016;63(5):1493 - 1505.

Poordad F, Felizarta F, Asatryan A, Sulkowski MS, Reindollar RW, Landis CS, et al. Glecaprevir and pibrentasvir for 12 weeks for hepatitis C virus genotype 1 infection and prior direct-acting antiviral treatment. *Hepatology (Baltimore, Md.)*. 2017;66(2):389 - 397.

Poordad F, Pol S, Asatryan A, Buti M, Shaw DR, Hezode C, et al. MAGELLAN-1, Part 2: Glecaprevir and Pibrentasvir for 12 or 16 Weeks in Patients with Chronic HCV Genotype 1 or 4 and Prior Direct-Acting Antiviral Treatment Failure. *Gastroenterology*. 2017;152(5):S1057.

Post JJ, Arain A, Lloyd AR. Enhancing assessment and treatment of hepatitis C in the custodial setting. *Clin Infect Dis*. 2013;57(Suppl 2):S70-S74.

Poynard T, Bedossa P, Opolon P. Natural history of liver fibrosis progression in patients with chronic hepatitis C. The OBSVIRC, METAVIR, CLINIVIR, and DOSVIRC groups. *Lancet*. 1997;349(9055):825-832.

Poynard T, Ratziu V, Charlotte F, Goodman Z, McHutchison JG, Albrecht J. Rates and risk factors of liver fibrosis progression in patients with chronic hepatitis c. *J Hepatol*. 2001;34(5):730-739.

Poynard T, Cacoub P, Ratziu V, Myers RP, Dezaillies MH, Mercadier A, et al. Fatigue in patients with chronic hepatitis C. *J Viral Hepat*. 2002;9(4):295-303.

Poynard T, McHutchison JG, Manns M, Trepo C, Lindsay K, Goodman Z, et al. Impact of pegylated interferon alfa-2b and ribavirin on liver fibrosis in patients with chronic hepatitis C. *Gastroenterology*. 2002;122(5):1303-1313.

Pradat P, Alberti A, Poynard T, Esteban JI, Weiland O, Marcellin P, et al. Predictive value of ALT levels for histologic findings in chronic hepatitis C: a European collaborative study. *Hepatology*. 2002;36(4 Pt 1):973-977.

Prenner SB, VanWagner LB, Flamm SL, Salem R, Lewandowski RJ, Kulik L. Hepatocellular carcinoma decreases the chance of successful hepatitis C virus therapy with direct-acting antivirals. *Journal of Hepatology*. 2017;66(6):1173 - 1181.

Proeschold-Bell RJ, Patkar AA, Naggie S, Coward L, Mannelli P, Yao J, et al. An integrated alcohol abuse and medical

treatment model for patients with hepatitis C. *Dig Dis Sci.* 2012;57(4):1083-1091.

Puljic A, Salati J, Doss A, Caughey AB. Outcomes of pregnancies complicated by liver cirrhosis, portal hypertension, or esophageal varices. *The Journal of Maternal-Fetal & Neonatal Medicine: The Official Journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians.* 2016;29(3):506 - 509.

Pungpapong S, Aql B, Leise M, et al. Multicenter experience using simeprevir and sofosbuvir with or without ribavirin to treat hepatitis C genotype 1 after liver transplant. *Hepatology.* 2015;61(6):1880-6.

Puoti M, Foster G, Wang S. High SVR rates with eight and twelve weeks of pangenotypic glecaprevir/pibrentasvir: integrated efficacy and safety analysis of genotype 1-6 patients without cirrhosis [Abstract LB-15]. In 52nd Annual Meeting of the European Association for the Study of the Liver (EASL). 2017.

Puoti M, Lorenzini P, Cozzi-Lepri A, Gori A, Mastroianni C, Rizzardini G, et al. Incidence and progression to cirrhosis of new hepatitis C virus infections in persons living with human immunodeficiency virus. *Clinical Microbiology and Infection: The Official Publication of the European Society of Clinical Microbiology and Infectious Diseases.* 2017;23(4):267.e1 - 267.e4.

Reau N, Kwo PY, Rhee S. MAGELLAN-2: Safety and Efficacy of Glecaprevir/Pibrentasvir in Liver or Renal Transplant Adults with Chronic Hepatitis C Genotype 1-6 Infection. In EASL International Liver Meeting, April. 2017.

Reddy KR, Bourliere M, Sulkowski MS, Omata M, Zeuzem S, Feld JJ, et al. Ledipasvir and sofosbuvir in patients with genotype 1 hepatitis C virus infection and compensated cirrhosis: An integrated safety and efficacy analysis. *Hepatology.* 2015;[Ahead of print].

Regev A, Berho M, Jeffers LJ, Milikowski C, Molina EG, Pylsopoulos NT, et al. Sampling error and intraobserver variation in liver biopsy in patients with chronic HCV infection. *Am J Gastroenterol.* 2002;97(10):2614-2618.

Reig M, Mariño Z, Perelló C, Iñarrairaegui M, Ribeiro A, Lens S, et al.. Unexpected high rate of early tumor recurrence in patients with HCV-related HCC undergoing interferon-free therapy. *Journal of Hepatology.* 2016;65(4):719 - 726.

Reilley B, Leston J, Redd JT, Geiger R. Lack of Access to Treatment as a Barrier to HCV Screening: A Facility-Based Assessment in the Indian Health Service. *J Public Health Manag Pract.* 2013;.

Rein DB, Wittenborn JS, Smith BD, et al. The cost-effectiveness, health benefits, and financial costs of new antiviral treatments for hepatitis C virus. *Clin Infect Dis.* 2015;61(2):157-68.

Resti M, Azzari C, Mannelli F, Moriondo M, Novembre E, de Martino M, et al. Mother to child transmission of hepatitis C virus: prospective study of risk factors and timing of infection in children born to women seronegative for HIV-1. Tuscany Study Group on Hepatitis C Virus Infection. *BMJ (Clinical research ed.).* 1998;317(7156):437 - 441.

Rockey DC, Bissell DM. Noninvasive measures of liver fibrosis. *Hepatology.* 2006;43(2 Suppl 1):S113-S120.

Rockstroh JK, Nelson M, Katlama C, et al. Efficacy and safety of grazoprevir (MK-5172) and elbasvir (MK- 8742) in patients with hepatitis C virus and HIV co-infection (C-EDGE CO-INFECTION): a non-randomised, open-label trial. *Lancet HIV*. 2015;2(8):e319-27.

Rockstroh J, Lacombe K, Viani RM, Orkin C, Wyles D, Luetkemeyer A, et al. Efficacy and safety of Glecaprevir/Pibrentasvir in patients co-infected with hepatitis C virus and human immunodeficiency virus-1: the EXPEDITION-2 Study [Abstract LBP-522]. In *The International Liver Congress. EASL* [Internet]. 2017. [http://dx.doi.org/10.1016/S0168-8278\(17\)30467-1](http://dx.doi.org/10.1016/S0168-8278(17)30467-1)

Rodriguez-Torres M, Gaggar A, Shen G, et al. Sofosbuvir for chronic hepatitis C virus infection genotype 1-4 in patients coinfecting with HIV. *J Acquir Immune Defic Syndr*. 2015;68(5):543-9.

Rogal SS, Yan P, Rimland D, et al. ERCHIVES (Electronically Retrieved Cohort of HCV Infected Veterans) Study Group. Incidence and progression of chronic kidney disease after hepatitis C seroconversion: results from ERCHIVES. *Dig Dis Sci*. 2016;61(3):930-936.

Rossaro L, Torruellas C, Dhaliwal S, Botros J, Clark G, Li CS, et al. Clinical Outcomes of Hepatitis C Treated with Pegylated Interferon and Ribavirin via Telemedicine Consultation in Northern California. *Dig Dis Sci*. 2013;58(12):3620-3625.

Roth D, Nelson DR, Bruchfeld A, et al. Grazoprevir plus elbasvir in treatment-naïve and treatment experienced patients with hepatitis C virus genotype 1 infection and stage 4-5 chronic kidney disease (the C-SURFER study): a combination phase 3 study. *Lancet*. 2015;386(10003):1537-45.

Saadoun D, Resche RM, Thibault V, Longuet M, Pol S, Blanc F, et al. Peg-IFN α /ribavirin/protease inhibitor combination in hepatitis C virus associated mixed cryoglobulinemia vasculitis: results at week 24. *Ann Rheum Dis*. 2014;73(5):831-837.

Saag MS. Editorial Commentary: Getting Smart in How We Pay for HCV Drugs: KAOS vs CONTROL. *Clin. Infect. Dis*. 2015;61(2):169-170.

Safdar K, Schiff ER. Alcohol and hepatitis C. *Semin Liver Dis*. 2004;24(3):305-315.

Samandari T, Tedaldi E, Armon C, Hart R, Chmiel JS, Brooks JT, et al. Incidence of Hepatitis C Virus Infection in the Human Immunodeficiency Virus Outpatient Study Cohort, 2000-2013. *Open Forum Infectious Diseases*. 2017;4(2):ofx076.

Sangiovanni A, Prati GM, Fasani P, Ronchi G, Romeo R, Manini M, et al. The natural history of compensated cirrhosis due to hepatitis C virus: a 17-year cohort study of 214 patients. *Hepatology*. 2006;43(6):1303-1310.

Sarkar S, Jiang Z, Evon DM, Wahed AS, Hoofnagle JH. Fatigue before, during and after antiviral therapy of chronic hepatitis C: results from the Virahep-C study. *J Hepatol*. 2012;57(5):946-952.

Sarrazin C, Dvory-Sobol H, Svarovskaia ES, Doehle BP, Pang PS, Chuang SM, et al. Prevalence of Resistance-Associated Substitutions in HCV NS5A, NS5B, or NS3 and Outcomes of Treatment With Ledipasvir and Sofosbuvir. *Gastroenterology*. 2016 June 11th ed. 2016;151(3):501-512.E1.

Sawinski D, Kaur N, Ajeti A, et al. Successful treatment of hepatitis C in renal transplant recipients with direct-acting antiviral agents. *Am J Transplant*. 2016;16(5):1588-1595.

Saxena V, Korashy FM, Sise ME, Lim JK, Schmidt M, Chung RT, et al. HCV-TARGET. Safety and efficacy of sofosbuvir-containing regimens in hepatitis C-infected patients with impaired renal function. *Liver Int*. 2016 March 24th ed. 2016;36(6):807-16.

Saxena V, Khungar V, Verna EC, Levitsky J, Brown RS, Hassan MA, et al. Safety and Efficacy of Current DAA Regimens in Kidney and Liver Transplant Recipients with Hepatitis C: Results from the HCV-TARGET Study [Epub ahead of print]. *Hepatology (Baltimore, Md.)*. 2017;.

Sayiner M, Golabi P, Farhat F, Younossi ZM. Dermatologic Manifestations of Chronic Hepatitis C Infection. *Clinics in Liver Disease*. 2017;21(3):555 - 564.

Schmidt AJ, Falcato L, Zahno B, et al. Prevalence of hepatitis C in a Swiss sample of men who have sex with men: whom to screen for HCV infection?. *BMC Public Health*. 2014;14(1):3.

Schneider MD, Sarrazin C. Antiviral therapy of hepatitis C in 2014: do we need resistance testing?. *Antiviral Res*. 2014;105:64-71.

Sebastiani G, Halfon P, Castera L, Pol S, Thomas DL, Mangia A, et al. SAFE biopsy: a validated method for large-scale staging of liver fibrosis in chronic hepatitis C. *Hepatology*. 2009;49(6):1821-1827.

Seem DL, Lee I, Umscheid CA, Kuehnert MJ. Excerpt from PHS guideline for reducing HIV, HBV and HCV transmission through organ transplantation. *Am J Transplant*. 2013;13(8):1953-1962.

Selph S, Chou R. Impact of contacting study authors on systematic review conclusions: diagnostic tests for hepatic fibrosis. 2014.

Shaw K, Gennat H, O'Rourke P, Del MC. Exercise for overweight or obesity. *Cochrane Database Syst Rev*. 2006;(4):CD003817.

Shebl FM, El-Kamary SS, Saleh D'aA, Abdel-Hamid M, Mikhail N, Allam A, et al. Prospective cohort study of mother-to-infant infection and clearance of hepatitis C in rural Egyptian villages. *Journal of Medical Virology*. 2009;81(6):1024 - 1031.

Shiffman RN, Shekelle P, Overhage JM, Slutsky J, Grimshaw J, Deshpande AM. Standardized reporting of clinical practice guidelines: a proposal from the Conference on Guideline Standardization. *Ann Intern Med*. 2003;139(6):493-498.

Singal AG, Volk ML, Jensen D, Di Bisceglie AM, Schoenfeld PS. A sustained viral response is associated with reduced liver-related morbidity and mortality in patients with hepatitis C virus. *Clin Gastroenterol Hepatol*. 2010;8(3):280-8, 288.

Sise ME, Bloom AK, Wisocky J, Lin MV, Gustafson JL, Lundquist AL, et al. Treatment of hepatitis C virus-associated mixed cryoglobulinemia with direct-acting antiviral agents. *Hepatology (Baltimore, Md.)*. 2016;63(2):408 - 417.

Smart-Study-Group , El-Sadr WM, Lundgren JD, Neaton JD, Gordin F, Abrams D, et al. CD4+ count-guided interruption of antiretroviral treatment. *The New England Journal of Medicine*. 2006;355(22):2283 - 2296.

Smith BD, Morgan RL, Beckett GA, Falck-Ytter Y, Holtzman D, Teo CG, et al. Recommendations for the identification of chronic hepatitis C virus infection among persons born during 1945-1965. *MMWR Recomm Rep*. 2012;61(RR-4):1-32.

Smith BD, Morgan RL, Beckett GA, Falck-Ytter Y, Holtzman D, Ward JW. Hepatitis C virus testing of persons born during 1945-1965: recommendations from the Centers for Disease Control and Prevention. *Annals of Internal Medicine*. 2012;157(11):817 - 822.

Smith BD, Jewett A, Burt RD, Zibbell JE, Yartel AK, DiNunno E. "To share or not to share?" Serosorting by hepatitis C status in the sharing of drug injection equipment among NHBS-IDU2 participants. *J Infect Dis*. 2013;208(12):1934-1942.

Smolders EJ, Colbers EPH, de Kanter CTMM, Velthoven-Graafland K, Drenth JPH, Burger DM. Daclatasvir 30 mg/day is the correct dose for patients taking atazanavir/cobicistat. *The Journal of Antimicrobial Chemotherapy*. 2017;72(2):486 - 489.

Spaulding AC, Weinbaum CM, Lau DT, Sterling RK, Seeff LB, Margolis HS, et al. A framework for management of hepatitis C in prisons. *Ann Intern Med*. 2006;144(10):762-769.

Stein MR, Soloway IJ, Jefferson KS, Roose RJ, Arnsten JH, Litwin AH. Concurrent group treatment for hepatitis C: implementation and outcomes in a methadone maintenance treatment program. *J Subst Abuse Treat*. 2012;43(4):424-432.

Sterling RK, Lissen E, Clumeck N, et al. Development of a simple noninvasive index to predict significant fibrosis in patients with HIV/HCV coinfection. *Hepatology*. 2006;43:1317-1325.

Strathdee SA, Latka M, Campbell J, O'Driscoll PT, Golub ET, Kapadia F, et al. Factors associated with interest in initiating treatment for hepatitis C Virus (HCV) infection among young HCV-infected injection drug users. *Clin Infect Dis*. 2005;40(Suppl 5):S304-S312.

Su F, Green PK, Berry K, Ioannou GN. The Association between race/ethnicity and the effectiveness of direct antiviral agents for hepatitis C virus infection. *Hepatology*. 2016;.

Sulkowski MS, Sherman KE, Dieterich D, Bsharat M, Mahnke L, Rockstroh JK, et al. Combination therapy with telaprevir

for chronic hepatitis C virus genotype 1 infection in patients with HIV: a randomized trial. *Ann Intern Med*. 2013;159(2):86-96.

Sulkowski MS, Naggie S, Lalezari J, Fessel WJ, Mounzer K, Shuhart M, et al. Sofosbuvir and ribavirin for hepatitis C in patients with HIV coinfection. *JAMA*. 2014;312(4):353-361.

Sulkowski MS, Gardiner DF, Rodriguez-Torres M, Reddy KR, Hassanein T, Jacobson IM, et al. Daclatasvir plus sofosbuvir for previously treated or untreated chronic HCV infection. *N Engl J Med*. 2014;370(3):211-221.

Sulkowski MS, Eron JJ, Wyles DL, Trinh R, Lalezari J, Wang C, et al. Ombitasvir, paritaprevir co-dosed with ritonavir, dasabuvir, and ribavirin for hepatitis C in patients co-infected with HIV-1: a randomized trial. *JAMA*. 2015;313(12):1223-1231.

Sulkowski MS, Hézode C, Gerstoft J, Vierling JM, Mallolas J, Pol S, et al. Efficacy and safety of 8 wks versus 12 wks of treatment with grazoprevir (MK-5172) and elbasvir (MK-8742) with or without ribavirin in patients with HCV GT1 mono-infection and HIV/HCV coinfection (C-WORTHY): a randomised, open-label phase 2 trial. *Lancet*. 2015;285(9973):1087-97.

Sulkowski MS, Chuang WL, Kao JH, et al. No Evidence of Reactivation of Hepatitis B Virus Among Patients Treated With Ledipasvir-Sofosbuvir for Hepatitis C Virus Infection. *Clin Infect Dis*. 2016;.

Summa V, Ludmerer SW, McCauley JA, et al. MK-5172, a Selective Inhibitor of Hepatitis C Virus NS3/4a Protease with Broad Activity across Genotypes and Resistant Variants. *Antimicrob Agents Chemother*. 2012;56(8):4161-7.

Svarovskaia ES, Dvory-Sobol H, Parkin N, Hebner C, Gontcharova V, Martin R, et al. Infrequent development of resistance in genotype 1-6 hepatitis C virus-infected subjects treated with sofosbuvir in phase 2 and 3 clinical trials. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*. 2014;59(12):1666 - 1674.

Svoboda J, Andreadis C, Downs LH, Miller WT, Tsai DE, Schuster SJ. Regression of advanced non-splenic marginal zone lymphoma after treatment of hepatitis C virus infection. *Leuk Lymphoma*. 2005;46(9):1365-1368.

Swain MG, Lai MY, Shiffman ML, Cooksley WG, Zeuzem S, Dieterich D, et al. A sustained virologic response is durable in patients with chronic hepatitis C treated with peginterferon alfa-2a and ribavirin. *Gastroenterology*. 2010;139(5):1593-1601.

Takahashi K, Nishida N, Kawabata H, Haga H, Chiba T. Regression of Hodgkin lymphoma in response to antiviral therapy for hepatitis C virus infection. *Intern Med*. 2012;51(19):2745-2747.

Takayama H, Sato T, Ikeda F, Ikeda F. Reactivation of hepatitis B virus during interferon-free therapy with daclatasvir and asunaprevir in patient with hepatitis B virus/hepatitis C virus co-infection. *Hepatol Res*. 2015 Sep 30th ed. 2016;46(5):489-91.

Takikawa H, Yamazaki R, Shoji S, Miyake K, Yamanaka M. Normalization of urinary porphyrin level and disappearance of skin lesions after successful interferon therapy in a case of chronic hepatitis C complicated with porphyria cutanea tarda. *J Hepatol.* 1995;22(2):249-250.

Tan J, Surti B, Saab S. Pregnancy and cirrhosis. *Liver Transplantation: Official Publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society.* 2008;14(8):1081 - 1091.

Tedaldi E, Peters L, Neuhaus J, Puoti M, Rockstroh JK, Klein MB, et al. Opportunistic disease and mortality in patients coinfecting with hepatitis B or C virus in the strategic management of antiretroviral therapy (SMART) study. *Clin Infect Dis.* 2008;47(11):1468-1475.

Terrault NA, Roland ME, Schiano T, Dove L, Wong MT, Poordad F, et al. Outcomes of liver transplant recipients with hepatitis C and human immunodeficiency virus coinfection. *Liver Transpl.* 2012;18(6):716-726.

Terrault NA, Zeuzem S, Di Bisceglie AM, Lim JK, Pockros PJ, Frazier LM, et al. HCV-TARGET Study Group. Effectiveness of Ledipasvir-Sofosbuvir Combination in Patients with Hepatitis C Virus Infection and Factors Associated with Sustained Virologic Response. *Gastroenterology.* 2016;151(6):1131-1140.e5.

Terrault NA, McCaughan GW, Curry MP, Gane E, Fagioli S, Fung JYY, et al. International Liver Transplantation Society Consensus Statement on Hepatitis C Management in Liver Transplant Candidates. *Transplantation.* 2017;101(5):945 - 955.

Thein HH, Yi Q, Dore GJ, Krahn MD. Natural history of hepatitis C virus infection in HIV-infected individuals and the impact of HIV in the era of highly active antiretroviral therapy: a meta-analysis. *AIDS.* 2008;22(15):1979-1991.

Thomas DL, Villano SA, Riester KA, Hershow R, Mofenson LM, Landesman SH, et al. Perinatal transmission of hepatitis C virus from human immunodeficiency virus type 1-infected mothers. *Women and Infants Transmission Study. J Infect Dis.* 1998;177(6):1480-1488.

Thomas DL. The challenge of hepatitis C in the HIV-infected person. *Annu. Rev. Med.* 2008;59:473-485.

Thompson A, Zeuzem S, Rockstroh JK, Kwo PY, Roth D, Lawitz EJ, et al. The Combination of Grazoprevir and Elbasvir +RBV is highly effective for the treatment of GT1a-Infected patients. *American Association for the Study of Liver Diseases. The Liver Meeting 2015. San Francisco, CA; 2015.*

Thorpe J, Saeed S, Moodie EE, Klein MB. Antiretroviral treatment interruption leads to progression of liver fibrosis in HIV-hepatitis C virus co-infection. *AIDS.* 2011;25(7):967-975.

Tice JA, Chahal HS, Ollendorf DA. Comparative clinical effectiveness and value of novel interferon-free combination therapy for hepatitis C genotype 1 summary of California technology assessment forum report. *JAMA Internal Medicine.* 2015;175(9):1559-1560.

Torres HA, Mahale P. Most patients with HCV-associated lymphoma present with mild liver disease: a call to revise

antiviral treatment prioritization. *Liver Int.* 2015;35(6):1661-1664.

Torres HA, Hosry J, Mahale P, Economides MP, Jiang Y, Lok AS. Hepatitis C virus reactivation in patients receiving cancer treatment: A prospective observational study [Epub ahead of print]. *Hepatology (Baltimore, Md.)*. 2017;.

Trooskin SB, Poceta J, Towey CM, Yolken A, Rose JS, Luqman NL, et al. Results from a Geographically Focused, Community-Based HCV Screening, Linkage-to-Care and Patient Navigation Program. *J Gen Intern Med.* 2015;.

Tyson GL, Kramer JR, Duan Z, Davila JA, Richardson PA, El-Serag HB. Prevalence and predictors of hepatitis B virus coinfection in a United States cohort of hepatitis C virus-infected patients. *Hepatology.* 2013;58(2):538-545.

Urbanus AT, van de Laar TJ, Stolte IG, Schinkel J, Heijman T, Coutinho RA, et al. Hepatitis C virus infections among HIV-infected men who have sex with men: an expanding epidemic. *AIDS.* 2009;23(12):F1-F7.

U.S. Congressional Budget Office. Prescription drug pricing in the private sector. 2015.

US GAO. An overview of approaches to negotiate drug prices used by other countries and US private payers and federal programs [Internet]. 2015. <http://www.gao.gov/products/GAO-07-358T>

US Senate Committee on Finance. The Price of Sovaldi and its impact on the U.S. Health Care System. 2016.

US Preventive Services Task Force. Screening for hepatitis C virus infection in adults: US Preventive Services Task Force recommendation statement. 2013.

van de Laar T, Pybus O, Bruisten S, Brown D, Nelson M, Bhagani S, et al. Evidence of a large, international network of HCV transmission in HIV-positive men who have sex with men. *Gastroenterology.* 2009;136(5):1609-1617.

van de Laar TJ, Matthews GV, Prins M, Danta M. Acute hepatitis C in HIV-infected men who have sex with men: an emerging sexually transmitted infection. *AIDS.* 2010;24(12):1799-1812.

van der Meer AJ, Veldt BJ, Feld JJ, Wedemeyer H, Dufour JF, Lammert F, et al. Association between sustained virological response and all-cause mortality among patients with chronic hepatitis C and advanced hepatic fibrosis. *JAMA.* 2012;308(24):2584-2593.

Veldt BJ, Heathcote EJ, Wedemeyer H, Reichen J, Hofmann WP, Zeuzem S, et al. Sustained virologic response and clinical outcomes in patients with chronic hepatitis C and advanced fibrosis. *Ann Intern Med.* 2007;147(10):677-684.

Vermeersch P, Van RM, Lagrou K. Validation of a strategy for HCV antibody testing with two enzyme immunoassays in a routine clinical laboratory. *J Clin Virol.* 2008;42(4):394-398.

Villano SA, Vlahov D, Nelson KE, Cohn S, Thomas DL. Persistence of viremia and the importance of long-term follow-up

after acute hepatitis C infection. *Hepatology*. 1999;29(3):908-914.

Volk JE, Marcus JL, Phengrasamy T, et al. No New HIV Infections With Increasing Use of HIV Preexposure Prophylaxis in a Clinical Practice Setting. *Clin Infect Dis*. 2015;61(10):1601-3.

Wai CT, Greenson JK, Fontana RJ, Kalbfleisch JD, Marrero JA, Conjeevaram HS, et al. A simple noninvasive index can predict both significant fibrosis and cirrhosis in patients with chronic hepatitis C. *Hepatology*. 2003;38(2):518-526.

Wandeler G, Gsponer T, Bregenzer A, Gunthard HF, Clerc O, Calmy A, et al. Hepatitis C virus infections in the Swiss HIV Cohort Study: a rapidly evolving epidemic. *Clin Infect Dis*. 2012;55(10):1408-1416.

Wang C, Jia L, O'Boyle DR, Sun JH, Rigat K, Valera L, et al. Comparison of daclatasvir resistance barriers on NS5A from hepatitis C virus genotypes 1 to 6: implications for cross-genotype activity. *Antimicrob Agents Chemother*. 2014;58(9):5155-5163.

Wang C, et al. Hepatitis due to Reactivation of Hepatitis B Virus in Endemic Areas Among Patients With Hepatitis C Treated With Direct-acting Antiviral Agents. *Clin Gastro Hep*. 2016;.

Waziry R, Hajarizadeh B, Grebely J, Dore GJ. No evidence for a higher risk of hepatocellular carcinoma occurrence or recurrence following direct-acting antiviral HCV therapy: a systematic review, meta-analyses, and meta-regression. [Abstract PS-160]. In EASL International Liver Congress. Amsterdam, April 19-23 EASL International Liver Congress. Amsterdam, April 19-23. 2017.

Wedemeyer H, Duberg AS, Buti M, Rosenberg WM, Frankova S, Esmat GE, et al. Strategies to manage hepatitis C virus (HCV) disease burden. *J Viral Hepat*. 2014;21(Suppl 1):60-89.

Welzel TM, Petersen J, Herzer K, Ferenci P, Gschwantler M, Wedemeyer H, et al. Daclatasvir plus sofosbuvir, with or without ribavirin, achieved high sustained virological response rates in patients with HCV infection and advanced liver disease in a real-world cohort. *Gut*. 2016;.

Welzel TM, Zeuzem S, Petersen J, et al. Safety and efficacy of daclatasvir plus sofosbuvir with or without ribavirin for the treatment of chronic HCV genotype 3 infection: Interim results of a multicenter European compassionate use program [Abstract 37]. In 66th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD). November 13-17. San Francisco, CA; 2016.

Welzel TM, Zeuzem S, Dumas EO, et al. GARNET: High SVR rates following eight-week treatment with ombitasvir/paritaprevir/ritonavir + dasabuvir for patients with HCV genotype 1b infection [Abstract 163]. In New Perspectives in Hepatitis C Virus Infection - The Roadmap for Cure, September 23-24, 2016. Paris; 2016.

Westin J, Lagging LM, Spak F, Aires N, Svensson E, Lindh M, et al. Moderate alcohol intake increases fibrosis progression in untreated patients with hepatitis C virus infection. *J Viral Hepat*. 2002;9(3):235-241.

White DL, Ratziu V, El-Serag HB. Hepatitis C infection and risk of diabetes: a systematic review and meta-analysis. *J*

Hepatol. 2008;49(5):831-844.

Whitlock EP, Polen MR, Green CA, Orleans T, Klein J. Behavioral counseling interventions in primary care to reduce risky/harmful alcohol use by adults: a summary of the evidence for the U.S. Preventive Services Task Force. *Ann Intern Med.* 2004;140(7):557-568.

Wijarnpreecha K, Thongprayoon C, Sanguankeo A, Upala S, Ungprasert P, Cheungpasitporn W. Hepatitis C infection and intrahepatic cholestasis of pregnancy: A systematic review and meta-analysis. *Clinics and Research in Hepatology and Gastroenterology.* 2017;41(1):39 - 45.

Wilder JM, Jeffers LJ, Ravendhran N, et al. Safety and efficacy of ledipasvir-sofosbuvir in black patients with hepatitis C virus infection: A retrospective analysis of phase 3 data. *Hepatology.* 2016;63(2):437-444.

Wiley TE, McCarthy M, Breidi L, McCarthy M, Layden TJ. Impact of alcohol on the histological and clinical progression of hepatitis C infection. *Hepatology.* 1998;28(3):805-809.

Williams IT, Bell BP, Kuhnert W, Alter MJ. Incidence and transmission patterns of acute hepatitis C in the United States, 1982-2006. *Arch Intern Med.* 2011;171(3):242-248.

Wirth S, Rosenthal P, Gonzalez-Peralta RP, Jonas MM, Balistreri WF, Lin C-H, et al. Sofosbuvir and ribavirin in adolescents 12-17 years old with hepatitis C virus genotype 2 or 3 infection. *Hepatology (Baltimore, Md.).* 2017;.

Witt MD, Seaberg EC, Darilay A, Young S, Badri S, Rinaldo CR, et al. Incident hepatitis C virus infection in men who have sex with men: a prospective cohort analysis, 1984-2011. *Clin Infect Dis.* 2013;57(1):77-84.

Wong KA, Worth A, Martin R, Svarovskaia ES, Brainard DM, Lawitz EJ, et al. Characterization of Hepatitis C virus resistance from a multiple-dose clinical trial of the novel NS5A inhibitor GS-5885. *Antimicrob Agents Chemother.* 2013;57(12):6333-6340.

Wong RJ, et al. Community-based real-world treatment outcomes of Sofosbuvir/ledipasvir in Asians with chronic hepatitis C virus genotype 6 in the US. *J Viral Hepatitis.* 2017;24:17-21.

Wyles DL, Ruane PJ, Sulkowski MS, Dieterich D, Luetkemeyer A, Morgan TR, et al. Daclatasvir plus sofosbuvir for HCV in patients coinfecting with HIV-1. *N Engl J Med.* 2015;373(8):714-725.

Wyles DL, Pockros P, Morelli G, Younes Z, Svarovskaia ES, Yang JC, et al. Ledipasvir-sofosbuvir plus ribavirin for patients with genotype 1 hepatitis C virus previously treated in clinical trials of sofosbuvir regimens. *Hepatology.* 2015;61(6):1793-1797.

Wyles DL, Brau N, Kottitil S, et al. Sofosbuvir/Velpatasvir Fixed Dose Combination for 12 Weeks in Patients Co-infected with HCV and HIV-1: The Phase 3 ASTRAL-5 Study Abstract PS104. In *International Liver Congress 2016.* April 13-17. Barcelona, Spain; 2016.

Wyles D, Mangia A, Cheng W, Shafran S, Schwabe C, Ouyang W, et al. Long-term persistence of HCV NS5A resistance associated substitutions after treatment with the HCV NS5A inhibitor, ledipasvir, without sofosbuvir [Epub ahead of print]. *Antiviral Therapy*. 2017;.

Wyles D, Poordad F, Wang S, Alric L, Felizarta F, Kwo PY, et al. Glecaprevir/Pibrentasvir for HCV Genotype 3 Patients with Cirrhosis and/or Prior Treatment Experience: A Partially Randomized Phase III Clinical Trial. *Hepatology (Baltimore, Md.)*. 2017;.

Wyles D, Bräu N, Kottlilil S, Daar ES, Ruane P, Workowski K, et al.. Sofosbuvir and Velpatasvir for the Treatment of HCV in Patients Coinfected with HIV-1: an Open-Label, Phase 3 Study. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*. 2017;65(1):6-12.

Yoneda M, Saito S, Ikeda T, Fujita K, Mawatari H, Kirikoshi H, et al. Hepatitis C virus directly associates with insulin resistance independent of the visceral fat area in nonobese and nondiabetic patients. *J Viral Hepat*. 2007;14(9):600-607.

Yoshida EM, Kwo P, Agarwal K, Duvoux C, Durand F, Peck-Radosavljevic M, et al. Persistence of Virologic Response after Liver Transplant in Hepatitis C Patients Treated with Ledipasvir / Sofosbuvir Plus Ribavirin Pretransplant. *Annals of Hepatology*. 2017;16(3):375 - 381.

Younossi ZM, Stepanova M, Henry L, Gane EJ, Jacobson IM, Lawitz EJ, et al. Effects of sofosbuvir-based treatment, with and without interferon, on outcome and productivity of patients with chronic hepatitis C. *Clin Gastroenterol Hepatol*. 2013;[Epub ahead of print].

Younossi ZM, Zheng L, Stepanova M, Venkatesan C, Mir HM. Moderate, excessive or heavy alcohol consumption: each is significantly associated with increased mortality in patients with chronic hepatitis C. *Alimentary Pharmacology & Therapeutics*. 2013;37(7):703 - 709.

Younossi ZM, Stepanova M, Nader F, Jacobson IM, Gane EJ, Nelson DR, et al. Patient-reported outcomes in chronic hepatitis C patients with cirrhosis treated with sofosbuvir-containing regimens. *Hepatology*. 2014;59(6):2161-2169.

Younossi ZM, Park H, Saab S, Ahmed A, Dieterich D, Gordon SC. Cost-effectiveness of all-oral ledipasvir/sofosbuvir regimens in patients with chronic hepatitis C virus genotype 1 infection. *Aliment. Pharmacol. Ther*. 2015;41(6):544-563.

Younossi ZM, Jiang Y, Smith NJ, Stepanova M, Beckerman R. Ledipasvir/sofosbuvir regimens for chronic hepatitis C infection: Insights from a work productivity economic model from the United States. *Hepatology*. 2015;61(5):1471-1478.

Younossi ZM, Stepanova M, Afdhal NH, Kowdley KV, Zeuzem S, Henry L, et al. Improvement of health-related quality of life and work productivity in chronic hepatitis C patients with early and advanced fibrosis treated with ledipasvir and sofosbuvir. *J Hepatol*. 2015;63(2):337-345.

Younossi ZM, Stepanova M, Sulkowski MS, Naggie S, Puoti M, Orkin C, et al. Sofosbuvir and ribavirin for treatment of chronic hepatitis C in patients coinfecting with hepatitis C virus and HIV: the impact on patient-reported outcomes. *J Infect Dis*. 2015;212(3):367-377.

Younossi ZM, Stepanova M, Feld J, Zeuzem S, Jacobson I, Agarwal K, et al. Sofosbuvir/velpatasvir improves patient-reported outcomes in HCV patients: Results from ASTRAL-1 placebo-controlled trial. *Journal of Hepatology*. 2016;65(1):33 - 39.

Younossi ZM, Stepanova M, Henry L, Nader F, Hunt S. An In-Depth Analysis of Patient-Reported Outcomes in Patients With Chronic Hepatitis C Treated With Different Anti-Viral Regimens. *The American Journal of Gastroenterology*. 2016;111(6):808 - 816.

Zahnd C, Salazar-Vizcaya LP, Dufour JF, Mullhaupt B, Wandeler G, Kouyos R, et al. Impact of deferring HCV treatment on liver-related events in HIV+ patients. In Conference on Retroviruses and Opportunistic Infections (CROI) February 23-26. Seattle, WA; 2015.

Zarski JP, Bohn B, Bastie A, Pawlotsky JM, Baud M, Bost-Bezeaux F, et al. Characteristics of patients with dual infection by hepatitis B and C viruses. *J Hepatol*. 1998;28(1):27-33.

Merck & Co. Inc. Zepatier prescribing information. 2017 Whitehouse Station, NJ,: Merck Sharp & Dohme Corp.; 2017.

Zeuzem S, Jacobson IM, Baykal T, Marinho RT, Poordad F, Bourliere M, et al. Retreatment of HCV with ABT-450/r-ombitasvir and dasabuvir with ribavirin. *N Engl J Med*. 2014;370(17):1604-1614.

Zeuzem S, Ghalib R, K. Reddy R, Pockros PJ, Ben Ari, iv Z, Zhao Y, et al. Grazoprevir-Elbasvir Combination Therapy for Treatment-Naive Cirrhotic and Noncirrhotic Patients With Chronic Hepatitis C Virus Genotype 1, 4, or 6 Infection: A Randomized Trial. *Annals of Internal Medicine*. 2015;163(1):1 - 13.

Zeuzem S, Rockstroh JK, Kwo PY, et al. Predictors of Response to Grazoprevir/Elbasvir Among HCV Genotype 1 (GT1)-Infected Patients: Integrated Analysis of Phase 2-3 Trials [Abstract 700]. In 66th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD), November 13-17, 2015. San Francisco, CA.; 2015.

Zeuzem S, Ghalib R, Reddy KR, Pockros PJ, Ari ZB, Zhao Y, et al. Grazoprevir-Elbasvir Combination Therapy for Treatment-Naive Cirrhotic and Noncirrhotic Patients With Chronic Hepatitis C Virus Genotype 1, 4, or 6 Infection: A Randomized Trial. *Ann Intern Med*. 2015;163(1):1-13.

Zeuzem S, Feld J, Wang S. ENDURANCE-1: Efficacy and Safety of 8- versus 12-week Treatment with ABT-493/ABT-530 in patients with Chronic HCV Genotype 1 Infection [Abstract 253]. In 67th Annual Meeting of the American Association for the Study of Liver diseases, November 11-15. 2016.

Zeuzem S, Mizokami M, Pianko S, Mangia A, Han KH, Martin R, et al. NS5A resistance-associated substitutions in patients with genotype 1 hepatitis C virus: Prevalence and effect on treatment outcome. *J Hepatol*. 2017;66(5):910-918.

Ziol M, Handra-Luca A, Kettaneh A, Christidis C, Mal F, Kazemi F, et al. Noninvasive assessment of liver fibrosis by measurement of stiffness in patients with chronic hepatitis C. *Hepatology*. 2005;41(1):48-54.

Zuckerman E, Ashkenasi E, Kovaleve Y, et al. The real world Israeli experience of treating chronic hepatitis C genotype 1 patients with advanced fibrosis with Parataprevir/ Ritonavir/ ombitasvir, dasabuvir with or without ribavirin:A large, multi-center cohort. J Hepatology. 2016;64:PS004.

Øvrehus ALH, Blach S, Christensen PB, Gerstoft J, Weis N, Krarup H, et al.. Impact of prioritizing treatment in a high resource setting - minimizing the burden of HCV related disease in 15 years. 50th Annual Meeting of the European Association for the Study of the Liver (EASL). 2015;;S591.