

## References

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1. Black CK, Termanini KM, Aguirre O, et al. Solid organ transplantation in the 21st century. *Ann Transl Med.* Oct 2018; 6(20): 409. PMID 30498736
2. Belle SH, Beringer KC, Detre KM. An update on liver transplantation in the United States: recipient characteristics and outcome. *Clin Transpl.* 1995: 19-33. PMID 8794252
3. Sheiner P, Rochon C. Recurrent hepatitis C after liver transplantation. *Mt Sinai J Med.* 2012; 79(2): 190-8. PMID 22499490
4. Gadiparthi C, Cholankeril G, Perumpail BJ, et al. Use of direct-acting antiviral agents in hepatitis C virus-infected liver transplant candidates. *World J Gastroenterol.* Jan 21 2018; 24(3): 315-322. PMID 29391754
5. Wang X, Li J, Riaz DR, et al. Outcomes of liver transplantation for nonalcoholic steatohepatitis: a systematic review and meta-analysis. *Clin Gastroenterol Hepatol.* Mar 2014; 12(3): 394-402.e1. PMID 24076414
6. Yong JN, Lim WH, Ng CH, et al. Outcomes of Nonalcoholic Steatohepatitis After Liver Transplantation: An Updated Meta-Analysis and Systematic Review. *Clin Gastroenterol Hepatol.* Jan 2023; 21(1): 45-54.e6. PMID 34801743
7. Cholankeril G, Wong RJ, Hu M, et al. Liver Transplantation for Nonalcoholic Steatohepatitis in the US: Temporal Trends and Outcomes. *Dig Dis Sci.* Oct 2017; 62(10): 2915-2922. PMID 28744836
8. Schoenberg MB, Bucher JN, Vater A, et al. Resection or Transplant in Early Hepatocellular Carcinoma. *Dtsch Arztebl Int.* Aug 07 2017; 114(31-32): 519-526. PMID 28835324
9. Zheng Z, Liang W, Milgrom DP, et al. Liver transplantation versus liver resection in the treatment of hepatocellular carcinoma: a meta-analysis of observational studies. *Transplantation.* Jan 27 2014; 97(2): 227-34. PMID 24142034
10. Guiteau JJ, Cotton RT, Washburn WK, et al. An early regional experience with expansion of Milan Criteria for liver transplant recipients. *Am J Transplant.* Sep 2010; 10(9): 2092-8. PMID 20883543
11. Pomfret EA, Washburn K, Wald C, et al. Report of a national conference on liver allocation in patients with hepatocellular carcinoma in the United States. *Liver Transpl.* Mar 2010; 16(3): 262-78. PMID 20209641
12. Ioannou GN, Perkins JD, Carithers RL. Liver transplantation for hepatocellular carcinoma: impact of the MELD allocation system and predictors of survival. *Gastroenterology.* May 2008; 134(5): 1342-51. PMID 18471511

13. Chan EY, Larson AM, Fix OK, et al. Identifying risk for recurrent hepatocellular carcinoma after liver transplantation: implications for surveillance studies and new adjuvant therapies. *Liver Transpl.* Jul 2008; 14(7): 956-65. PMID 18581511
14. Mazzaferro V, Regalia E, Doci R, et al. Liver transplantation for the treatment of small hepatocellular carcinomas in patients with cirrhosis. *N Engl J Med.* Mar 14 1996; 334(11): 693-9. PMID 8594428
15. Firl DJ, Kimura S, McVey J, et al. Reframing the approach to patients with hepatocellular carcinoma: Longitudinal assessment with hazard associated with liver transplantation for HCC (HALTHCC) improves ablate and wait strategy. *Hepatology.* Oct 2018; 68(4): 1448-1458. PMID 29604231
16. National Comprehensive Cancer Network. Hepatocellular Carcinoma. Version 1.2023.  
[https://www.nccn.org/professionals/physician\\_gls/PDF/hepatobiliary.pdf](https://www.nccn.org/professionals/physician_gls/PDF/hepatobiliary.pdf). Accessed June 12, 2023.
17. Yadav DK, Chen W, Bai X, et al. Salvage Liver Transplant versus Primary Liver Transplant for Patients with Hepatocellular Carcinoma. *Ann Transplant.* Aug 03 2018; 23: 524-545. PMID 30072683
18. Murali AR, Patil S, Phillips KT, et al. Locoregional Therapy With Curative Intent Versus Primary Liver Transplant for Hepatocellular Carcinoma: Systematic Review and Meta-Analysis. *Transplantation.* Aug 2017; 101(8): e249-e257. PMID 28282359
19. Maggs JR, Suddle AR, Aluvihare V, et al. Systematic review: the role of liver transplantation in the management of hepatocellular carcinoma. *Aliment Pharmacol Ther.* May 2012; 35(10): 1113-34. PMID 22432733
20. Chan DL, Alzahrani NA, Morris DL, et al. Systematic review of efficacy and outcomes of salvage liver transplantation after primary hepatic resection for hepatocellular carcinoma. *J Gastroenterol Hepatol.* Jan 2014; 29(1): 31-41. PMID 24117517
21. Zhu Y, Dong J, Wang WL, et al. Short- and long-term outcomes after salvage liver transplantation versus primary liver transplantation for hepatocellular carcinoma: a meta-analysis. *Transplant Proc.* Nov 2013; 45(9): 3329-42. PMID 24182812
22. Cambridge WA, Fairfield C, Powell JJ, et al. Meta-analysis and Meta-regression of Survival After Liver Transplantation for Unresectable Perihilar Cholangiocarcinoma. *Ann Surg.* Feb 01 2021; 273(2): 240-250. PMID 32097164
23. Gu J, Bai J, Shi X, et al. Efficacy and safety of liver transplantation in patients with cholangiocarcinoma: a systematic review and meta-analysis. *Int J Cancer.* May 01 2012; 130(9): 2155-63. PMID 21387295

24. Heimbach JK. Successful liver transplantation for hilar cholangiocarcinoma. *Curr Opin Gastroenterol*. May 2008; 24(3): 384-8. PMID 18408469
25. Darwish Murad S, Kim WR, Harnois DM, et al. Efficacy of neoadjuvant chemoradiation, followed by liver transplantation, for perihilar cholangiocarcinoma at 12 US centers. *Gastroenterology*. Jul 2012; 143(1): 88-98.e3; quiz e14. PMID 22504095
26. Heimbach JK, Gores GJ, Haddock MG, et al. Predictors of disease recurrence following neoadjuvant chemoradiotherapy and liver transplantation for unresectable perihilar cholangiocarcinoma. *Transplantation*. Dec 27 2006; 82(12): 1703-7. PMID 17198263
27. Rea DJ, Heimbach JK, Rosen CB, et al. Liver transplantation with neoadjuvant chemoradiation is more effective than resection for hilar cholangiocarcinoma. *Ann Surg*. Sep 2005; 242(3): 451-8; discussion 458-61. PMID 16135931
28. Pascher A, Jonas S, Neuhaus P. Intrahepatic cholangiocarcinoma: indication for transplantation. *J Hepatobiliary Pancreat Surg*. 2003; 10(4): 282-7. PMID 14598146
29. Friman S, Foss A, Isoniemi H, et al. Liver transplantation for cholangiocarcinoma: selection is essential for acceptable results. *Scand J Gastroenterol*. Mar 2011; 46(3): 370-5. PMID 21073376
30. Meyer CG, Penn I, James L. Liver transplantation for cholangiocarcinoma: results in 207 patients. *Transplantation*. Apr 27 2000; 69(8): 1633-7. PMID 10836374
31. Robles R, Figueras J, Turrion VS, et al. Spanish experience in liver transplantation for hilar and peripheral cholangiocarcinoma. *Ann Surg*. Feb 2004; 239(2): 265-71. PMID 14745336
32. Casavilla FA, Marsh JW, Iwatsuki S, et al. Hepatic resection and transplantation for peripheral cholangiocarcinoma. *J Am Coll Surg*. Nov 1997; 185(5): 429-36. PMID 9358085
33. Ziogas IA, Giannis D, Economopoulos KP, et al. Liver Transplantation for Intrahepatic Cholangiocarcinoma: A Meta-analysis and Meta-regression of Survival Rates. *Transplantation*. Oct 01 2021; 105(10): 2263-2271. PMID 33196623
34. Hue JJ, Rocha FG, Ammori JB, et al. A comparison of surgical resection and liver transplantation in the treatment of intrahepatic cholangiocarcinoma in the era of modern chemotherapy: An analysis of the National Cancer Database. *J Surg Oncol*. Mar 2021; 123(4): 949-956. PMID 33400841
35. Fan ST, Le Treut YP, Mazzaferro V, et al. Liver transplantation for neuroendocrine tumour liver metastases. *HPB (Oxford)*. Jan 2015; 17(1): 23-8. PMID 24992381

36. Mathe Z, Tagkalos E, Paul A, et al. Liver transplantation for hepatic metastases of neuroendocrine pancreatic tumors: a survival-based analysis. *Transplantation*. Mar 15 2011; 91(5): 575-82. PMID 21200365
37. Hamilton EC, Balogh J, Nguyen DT, et al. Liver transplantation for primary hepatic malignancies of childhood: The UNOS experience. *J Pediatr Surg*. Oct 12 2017. PMID 29108844
38. Barrena S, Hernandez F, Miguel M, et al. High-risk hepatoblastoma: results in a pediatric liver transplantation center. *Eur J Pediatr Surg*. Jan 2011; 21(1): 18-20. PMID 20938901
39. Malek MM, Shah SR, Atri P, et al. Review of outcomes of primary liver cancers in children: our institutional experience with resection and transplantation. *Surgery*. Oct 2010; 148(4): 778-82; discussion 782-4. PMID 20728194
40. Browne M, Sher D, Grant D, et al. Survival after liver transplantation for hepatoblastoma: a 2-center experience. *J Pediatr Surg*. Nov 2008; 43(11): 1973-81. PMID 18970927
41. Czuderna P, Otte JB, Aronson DC, et al. Guidelines for surgical treatment of hepatoblastoma in the modern era--recommendations from the Childhood Liver Tumour Strategy Group of the International Society of Paediatric Oncology (SIOPEL). *Eur J Cancer*. May 2005; 41(7): 1031-6. PMID 15862752
42. Organ Procurement and Transplantation Network (OPTN). Policy 9: Allocation of Livers and Liver-Intestines. Updated March 16, 2023; [https://optn.transplant.hrsa.gov/media/1200/optn\\_policies.pdf#nameddest=Policy\\_01](https://optn.transplant.hrsa.gov/media/1200/optn_policies.pdf#nameddest=Policy_01). Accessed June 12, 2023.
43. Salimi J, Jafarian A, Fakhar N, et al. Study of re-transplantation and prognosis in liver transplant center in Iran. *Gastroenterol Hepatol Bed Bench*. 2021; 14(3): 237-242. PMID 34221263
44. Bellido CB, Martinez JM, Artacho GS, et al. Have we changed the liver retransplantation survival?. *Transplant Proc*. 2012; 44(6): 1526-9. PMID 22841203
45. Remiszewski P, Kalinowski P, Dudek K, et al. Influence of selected factors on survival after liver retransplantation. *Transplant Proc*. Oct 2011; 43(8): 3025-8. PMID 21996216
46. Hong JC, Kaldas FM, Kositamongkol P, et al. Predictive index for long-term survival after retransplantation of the liver in adult recipients: analysis of a 26-year experience in a single center. *Ann Surg*. Sep 2011; 254(3): 444-8; discussion 448-9. PMID 21817890
47. Bouari S, Rijkse E, Metselaar HJ, et al. A comparison between combined liver kidney transplants to liver transplants alone: A systematic review and meta-analysis. *Transplant Rev (Orlando)*. Dec 2021; 35(4): 100633. PMID 34098490

48. Lunsford KE, Bodzin AS, Markovic D, et al. Avoiding Futility in Simultaneous Liver-kidney Transplantation: Analysis of 331 Consecutive Patients Listed for Dual Organ Replacement. *Ann Surg.* May 2017; 265(5): 1016-1024. PMID 27232249
49. Fong TL, Khemichian S, Shah T, et al. Combined liver-kidney transplantation is preferable to liver transplant alone for cirrhotic patients with renal failure. *Transplantation.* Aug 27 2012; 94(4): 411-6. PMID 22805440
50. Ruiz R, Jennings LW, Kim P, et al. Indications for combined liver and kidney transplantation: propositions after a 23-yr experience. *Clin Transplant.* 2010; 24(6): 807-11. PMID 20002463
51. Calinescu AM, Wildhaber BE, Poncet A, et al. Outcomes of combined liver-kidney transplantation in children: analysis of the scientific registry of transplant recipients. *Am J Transplant.* Dec 2014; 14(12): 2861-8. PMID 25274400
52. de la Cerda F, Jimenez WA, Gjertson DW, et al. Renal graft outcome after combined liver and kidney transplantation in children: UCLA and UNOS experience. *Pediatr Transplant.* Jun 2010; 14(4): 459-64. PMID 20070563
53. Marcos A, Ham JM, Fisher RA, et al. Single-center analysis of the first 40 adult-to-adult living donor liver transplants using the right lobe. *Liver Transpl.* May 2000; 6(3): 296-301. PMID 10827229
54. Malago M, Testa G, Marcos A, et al. Ethical considerations and rationale of adult-to-adult living donor liver transplantation. *Liver Transpl.* Oct 2001; 7(10): 921-7. PMID 11679994
55. Renz JF, Busuttill RW. Adult-to-adult living-donor liver transplantation: a critical analysis. *Semin Liver Dis.* 2000; 20(4): 411-24. PMID 11200412
56. Bak T, Wachs M, Trotter J, et al. Adult-to-adult living donor liver transplantation using right-lobe grafts: results and lessons learned from a single-center experience. *Liver Transpl.* Aug 2001; 7(8): 680-6. PMID 11510011
57. Shiffman ML, Brown RS, Olthoff KM, et al. Living donor liver transplantation: summary of a conference at The National Institutes of Health. *Liver Transpl.* Feb 2002; 8(2): 174-88. PMID 11862598
58. Grant RC, Sandhu L, Dixon PR, et al. Living vs. deceased donor liver transplantation for hepatocellular carcinoma: a systematic review and meta-analysis. *Clin Transplant.* 2013; 27(1): 140-7. PMID 23157398
59. Tang W, Qiu JG, Cai Y, et al. Increased Surgical Complications but Improved Overall Survival with Adult Living Donor Compared to Deceased Donor Liver Transplantation: A Systematic Review and Meta-Analysis. *Biomed Res Int.* 2020; 2020: 1320830. PMID 32908865

60. Cooper C, Kanters S, Klein M, et al. Liver transplant outcomes in HIV-infected patients: a systematic review and meta-analysis with synthetic cohort. *AIDS*. Mar 27 2011; 25(6): 777-86. PMID 21412058
61. Terrault NA, Roland ME, Schiano T, et al. Outcomes of liver transplant recipients with hepatitis C and human immunodeficiency virus coinfection. *Liver Transpl*. Jun 2012; 18(6): 716-26. PMID 22328294
62. Organ Procurement and Transplantation Network (OPTN). Organ Procurement and Transplantation Network Policies. Updated March 16, 2023; [https://optn.transplant.hrsa.gov/media/1200/optn\\_policies.pdf](https://optn.transplant.hrsa.gov/media/1200/optn_policies.pdf). Accessed June 13, 2023.
63. Blumberg EA, Rogers CC. Solid organ transplantation in the HIV-infected patient: Guidelines from the American Society of Transplantation Infectious Diseases Community of Practice. *Clin Transplant*. Sep 2019; 33(9): e13499. PMID 30773688
64. Clavien PA, Lesurtel M, Bossuyt PM, et al. Recommendations for liver transplantation for hepatocellular carcinoma: an international consensus conference report. *Lancet Oncol*. Jan 2012; 13(1): e11-22. PMID 22047762
65. American Association for the Study of Liver Diseases, American Society of Transplantation. Liver transplantation, evaluation of the adult patient. 2013; <https://www.aasld.org/practice-guidelines/evaluation-adult-liver-transplant-patient>. Accessed June 13, 2023.
66. Squires RH, Ng V, Romero R, et al. Evaluation of the pediatric patient for liver transplantation: 2014 practice guideline by the American Association for the Study of Liver Diseases, American Society of Transplantation and the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition. *Hepatology*. Jul 2014; 60(1): 362-98. PMID 24782219
67. American Association for the Study of Liver Diseases. Diagnosis and Treatment of Alcohol Associated Liver Diseases: 2019 Practice Guidance From the American Association for the Study of Liver Diseases. <https://www.aasld.org/practice-guidelines/alcohol-associated-liver-disease>. Accessed June 13, 2023.
68. Singal AG, Llovet JM, Yarchoan M, et al. AASLD practice guidance on prevention, diagnosis, and treatment of hepatocellular carcinoma. *Hepatology*. May 22 2023. PMID 37199193
69. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology: Neuroendocrine and Adrenal Tumors. Version 2.2022. [https://www.nccn.org/professionals/physician\\_gls/pdf/neuroendocrine.pdf](https://www.nccn.org/professionals/physician_gls/pdf/neuroendocrine.pdf). Accessed June 13, 2023.
70. Centers for Medicare & Medicaid Services. National Coverage Determination (NCD) for Adult Liver Transplantation (260.1). 2012; <https://www.cms.gov/medicare-coverage-database/details/ncd->

details.aspx?NCAId=259&NcaName=Liver+Transplantation+for+Malignancies&ExpandComments=n&CommentPeriod=0&NCDId=70&ncdver=3&id=186&bc=gABAAAAAEEAAA%3D%3D&. Accessed June 13, 2023.

71. Centers for Medicare & Medicaid Services. National Coverage Determination (NCD) for Pediatric Liver Transplantation (260.2). 1991;  
<https://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?MCDId=17&ExpandComments=n&McdName=Clinical+Pharmacology+Compendium+Revision+Request+-+CAG-00392&mcdtypename=Compendia&MCDIndexType=6&NCDId=71&ncdver=1&bc=AgAEAAAAGAA&>. Accessed June 12, 2023.