

Surgery Clerkship



Cholangiocarcinoma or hepatic cell carcinoma surgery – Classic, most important studies

PubMed

"Cholangiocarcinoma/surgery"[Mesh] AND ((Randomized Controlled Trial[ptyp] OR systematic[sb] OR Meta-Analysis[ptyp]) AND English[lang])

Copy and paste this strategy into PubMed to see the 24 results as of 12/3/2012

For hepatocellular carcinoma used this strategy and found a review.

("Carcinoma, Hepatocellular/surgery"[Mesh]) AND ("Carcinoma, Hepatocellular/history"[Mesh])

Surgery basic science clinical evidence nothing found specific to these neoplasms

Sabiston's Textbook has sections on each

Lengthy section in Liver chapter on hepatic cellular carcinoma

41. Pawlik TM, Poon RT, Abdalla EK, et al: Critical appraisal of the clinical and pathologic predictors of survival after resection of large hepatocellular carcinoma. *Arch Surg* 2005; 140:450-457.
42. 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* 1996; 334:693-699.
43. Llovet JM, Fuster J, Bruix J: Intention-to-treat analysis of surgical treatment for early hepatocellular carcinoma: resection versus transplantation. *Hepatology* 1999; 30:1434-1440.
44. Capussotti L, Ferrero A, Vigano L, et al: Liver resection for HCC with cirrhosis: Surgical perspectives out of EASL/AASLD guidelines. *Eur J Surg Oncol* 2009; 35:11-15.
45. Llovet JM, Schwartz M, Mazzaferro V: Resection and liver transplantation for hepatocellular carcinoma. *Semin Liver Dis* 2005; 25:181-200.
46. Facciuto ME, Rochon C, Pandey M, et al: Surgical dilemma: Liver resection or liver transplantation for hepatocellular carcinoma and cirrhosis. Intention-to-treat analysis in patients within and outwith Milan criteria. *HPB (Oxford)* 2009; 11:398-404.
47. Huang J, Yan L, Cheng Z, et al: A randomized trial comparing radiofrequency ablation and surgical resection for HCC conforming to the Milan criteria. *Ann Surg* 2010; 252:903-912.
48. Bruix J, Sala M, Llovet JM: Chemoembolization for hepatocellular carcinoma. *Gastroenterology* 2004; 127:S179-S188.

49. Mabel M, Esmaeel M, El-Khodary T, et al: A randomized controlled trial of transcatheter arterial chemoembolization with lipiodol, doxorubicin and cisplatin versus intravenous doxorubicin for patients with unresectable hepatocellular carcinoma. *Eur J Cancer Care (Engl)* 2009; 18:492-499.
50. Malagari K, Pomoni M, Kelekis A, et al: Prospective randomized comparison of chemoembolization with doxorubicin-eluting beads and bland embolization with BeadBlock for hepatocellular carcinoma. *Cardiovasc Intervent Radiol* 2010; 33:541-551.
51. Yopp AC, Jarnagin WR: Randomized clinical trials in hepatocellular carcinoma. *Surg Oncol Clin N Am* 2010; 19:151-162.
52. Llovet JM, Ricci S, Mazzaferro V, et al: Sorafenib in advanced hepatocellular carcinoma. *N Engl J Med* 2008; 359:378-390.

This is followed by a section on “Intrahepatic Cholangiocarcinoma”

Referencing these studies

53. Jamal MM, Yoon EJ, Vega KJ, et al: Diabetes mellitus as a risk factor for gastrointestinal cancer among American veterans. *World J Gastroenterol* 2009; 15:5274-5278.
54. El-Serag HB, Engels EA, Landgren O, et al: Risk of hepatobiliary and pancreatic cancers after hepatitis C virus infection: A population-based study of U.S. veterans. *Hepatology* 2009; 49:116-123.
55. Endo I, Gonen M, Yopp AC, et al: Intrahepatic cholangiocarcinoma: Rising frequency, improved survival, and determinants of outcome after resection. *Ann Surg* 2008; 248:84-96.

Specialized Surgery Textbooks available at Countway

Look for history sections and references at ends of relevant chapters

Hepatobiliary and pancreatic surgery : imaging strategies and surgical decision making / edited by Stephen R.T. Evans, Susan M. Ascher.
New York : Wiley-Liss, c1998.xviii, 569 p. : ill. ; 26 cm.
Link to HOLLIS record: <http://hollis.harvard.edu/?itemid=%7Clibrary/m/aleph%7C007752276>
- Countway Medicine WI 770 H52955 1998

Surgical pathology of the GI tract, liver, biliary tract, and pancreas / [edited by] Robert D. Odze, John R. Goldblum, James M. Crawford.
Philadelphia, Pa. : Saunders, c2004.xx, 1067 p. : col. ill. ; 29 cm.
Link to HOLLIS record: <http://hollis.harvard.edu/?itemid=%7Clibrary/m/aleph%7C009299151>
- Countway Medicine WI 900 S9608 2004

PDQ from NCI

Adult Health Professional Summary for Localized Resectable Adult Primary Liver Cancer
-Navigate from Health Professional Summaries – Liver Cancer -- Localized Resectable Adult Primary Liver Cancer -- Surgery
<http://www.cancer.gov/cancertopics/pdq/treatment/adult-primary-liver/HealthProfessional/page4#Reference4.2>

Since this is a summary for health professionals I trust them to cite the most important evidence

Rates the evidence and has the following citations:

- Ohtsuka M, Ito H, Kimura F, et al.: Extended hepatic resection and outcomes in intrahepatic cholangiocarcinoma. J Hepatobiliary Pancreat Surg 10 (4): 259-64, 2003. [\[PUBMED Abstract\]](#)
- Karl RC, Choi J, Yeatman TJ, et al.: Role of Computed Tomographic Arterial Portography and Intraoperative Ultrasound in the Evaluation of Patients for Resectability of Hepatic Lesions. J Gastrointest Surg 1 (2): 152-158, 1997. [\[PUBMED Abstract\]](#)
- Starzl TE, Koep LJ, Weil R 3rd, et al.: Right trisegmentectomy for hepatic neoplasms. Surg Gynecol Obstet 150 (2): 208-14, 1980. [\[PUBMED Abstract\]](#)
- Nagorney DM, van Heerden JA, Ilstrup DM, et al.: Primary hepatic malignancy: surgical management and determinants of survival. Surgery 106 (4): 740-8; discussion 748-9, 1989. [\[PUBMED Abstract\]](#)
- MacIntosh EL, Minuk GY: Hepatic resection in patients with cirrhosis and hepatocellular carcinoma. Surg Gynecol Obstet 174 (3): 245-54, 1992. [\[PUBMED Abstract\]](#)
- Hemming AW, Cattral MS, Reed AI, et al.: Liver transplantation for hepatocellular carcinoma. Ann Surg 233 (5): 652-9, 2001. [\[PUBMED Abstract\]](#)

Searched Web of Science

Topic=(Cholangiocarcinoma) AND Topic=(surgery)

Produced 1,000+ citations -- Sorted by times cited highest to lowest

Below are top 10 most cited

Web of Knowledge Page 1 (Records 1 -- 10)

[Back to Results](#)[Print This Page](#)

◀ [1] ▶

Record 1 of 10

Title: Staging, resectability, and outcome in 225 patients with hilar cholangiocarcinoma

Author(s): Jarnagin, WR (Jarnagin, WR); Fong, Y (Fong, Y); DeMatteo, RP (DeMatteo, RP); Gonen, M (Gonen, M); Burke, EC (Burke, EC); Bodniewicz, J (Bodniewicz, J); Youssef, M

(Youssef, M); Klimstra, D (Klimstra, D); Blumgart, LH (Blumgart, LH)

Source: ANNALS OF SURGERY **Volume:** 234 **Issue:** 4 **Pages:** 507-517 **DOI:** [10.1097/00000658-200110000-00010](https://doi.org/10.1097/00000658-200110000-00010) **Published:** OCT 2001

Times Cited in Web of Science: 379

Total Times Cited: 423

Accession Number: WOS:000171502900018

Conference Title: 121st Annual Scientific Session of the American-Surgical-Association

Conference Date: APR, 2001

Conference Location: COLORADO SPRINGS, COLORADO

ISSN: [0003-4932](#)

Record 2 of 10

Title: MANAGEMENT STRATEGIES IN RESECTION FOR HILAR CHOLANGIOCARCINOMA

Author(s): BISMUTH, H (BISMUTH, H); NAKACHE, R (NAKACHE, R); DIAMOND, T (DIAMOND, T)

Source: ANNALS OF SURGERY **Volume:** 215 **Issue:** 1 **Pages:** 31-38 **Published:** JAN 1992

Times Cited in Web of Science: 341

Total Times Cited: 372

Accession Number: WOS:A1992GY75700006

ISSN: [0003-4932](#)

Record 3 of 10

Title: Portal vein embolization before right hepatectomy - Prospective clinical trial

Author(s): Farges, O (Farges, O); Belghiti, J (Belghiti, J); Kianmanesh, R (Kianmanesh, R); Regimbeau, JM (Regimbeau, JM); Santoro, R (Santoro, R); Vilgrain, V (Vilgrain, V); Denys, A (Denys, A); Sauvanet, A (Sauvanet, A)

Source: ANNALS OF SURGERY **Volume:** 237 **Issue:** 2 **Pages:** 208-217 **DOI:** [10.1097/00000658-200302000-00010](https://doi.org/10.1097/00000658-200302000-00010) **Published:** FEB 2003

Times Cited in Web of Science: 239

Total Times Cited: 247

Accession Number: WOS:000185833900010

ISSN: [0003-4932](#)

Record 4 of 10

Title: Hilar cholangiocarcinoma - Patterns of spread, the importance of hepatic resection for curative operation, and a presurgical clinical staging system

Author(s): Burke, EC (Burke, EC); Jarnagin, WR (Jarnagin, WR); Hochwald, SN (Hochwald, SN); Pisters, PWT (Pisters, PWT); Fong, YM (Fong, YM); Blumgart, LH (Blumgart, LH)

Source: ANNALS OF SURGERY **Volume:** 228 **Issue:** 3 **Pages:** 385-392 **DOI:** [10.1097/00000658-199809000-00011](https://doi.org/10.1097/00000658-199809000-00011) **Published:** SEP 1998

Times Cited in Web of Science: 199

Total Times Cited: 222

Accession Number: WOS:000075918600020

Conference Title: 118th Annual Scientific Session of the American-Surgical-Association

Conference Date: APR, 1998

Conference Location: PALM BEACH, FLORIDA

ISSN: [0003-4932](#)

Record 5 of 10

Title: Improved surgical results for hilar cholangiocarcinoma with procedures including major hepatic resection

Author(s): Kosuge, T (Kosuge, T); Yamamoto, J (Yamamoto, J); Shimada, K (Shimada, K); Yamasaki, S (Yamasaki, S); Makuuchi, M (Makuuchi, M)

Source: ANNALS OF SURGERY **Volume:** 230 **Issue:** 5 **Pages:** 663-671 **DOI:** [10.1097/00000658-199911000-00008](https://doi.org/10.1097/00000658-199911000-00008) **Published:** NOV 1999

Times Cited in Web of Science: 191

Total Times Cited: 193

Accession Number: WOS:000083449000008

ISSN: [0003-4932](#)

Record 6 of 10

Title: Surgical treatment in proximal bile duct cancer - A single-center experience

Author(s): Pichlmayr, R (Pichlmayr, R); Weimann, A (Weimann, A); Klempnauer, J (Klempnauer, J); Oldhafer, KJ (Oldhafer, KJ); Maschek, H (Maschek, H); Tusch, G (Tusch, G); Ringe, B (Ringe, B)

Source: ANNALS OF SURGERY **Volume:** 224 **Issue:** 5 **Pages:** 628-638 **DOI:** [10.1097/00000658-199611000-00007](https://doi.org/10.1097/00000658-199611000-00007) **Published:** NOV 1996

Times Cited in Web of Science: 190

Total Times Cited: 203

Accession Number: WOS:A1996VR93900007

ISSN: [0003-4932](#)

Record 7 of 10

Title: Preoperative portal vein embolization for extended hepatectomy

Author(s): Hemming, AW (Hemming, AW); Reed, AI (Reed, AI); Howard, RJ (Howard, RJ); Fujita, S (Fujita, S); Hochwald, SN (Hochwald, SN); Caridi, JG (Caridi, JG); Hawkins, IF (Hawkins, IF); Vauthey, JN (Vauthey, JN)

Source: ANNALS OF SURGERY **Volume:** 237 **Issue:** 5 **Pages:** 686-691 **DOI:** [10.1097/00000658-200305000-00011](https://doi.org/10.1097/00000658-200305000-00011) **Published:** MAY 2003

Times Cited in Web of Science: 181

Total Times Cited: 190

Accession Number: WOS:000185834700020

Conference Title: 114th Annual Meeting of the Southern-Surgical-Association

Conference Date: DEC 01-04, 2002

Conference Location: PALM BEACH, FLORIDA

ISSN: [0003-4932](#)

Record 8 of 10

Title: Orthotopic liver transplantation for primary sclerosing cholangitis - A 12-year single center experience

Author(s): Goss, JA (Goss, JA); Shackleton, CR (Shackleton, CR); Farmer, DG (Farmer, DG); Arnaout, WS (Arnaout, WS); Seu, P (Seu, P); Markowitz, JS (Markowitz, JS); Martin, P (Martin, P); Stribling, RJ (Stribling, RJ); Goldstein, LI (Goldstein, LI); Busuttil, RW (Busuttil, RW)

Source: ANNALS OF SURGERY **Volume:** 225 **Issue:** 5 **Pages:** 472-481 **DOI:** [10.1097/00000658-199705000-00004](https://doi.org/10.1097/00000658-199705000-00004) **Published:** MAY 1997

Times Cited in Web of Science: 161

Total Times Cited: 168

Accession Number: WOS:A1997XE06300008

Conference Title: 108th Annual Meeting of the Southern-Surgical-Association

Conference Date: DEC 01-04, 1996

Conference Location: PALM BEACH, FL

ISSN: [0003-4932](#)

Record 9 of 10

Title: Liver transplantation for cholangiocarcinoma: Results in 207 patients

Author(s): Meyer, CG (Meyer, CG); Penn, I (Penn, I); James, L (James, L)

Source: TRANSPLANTATION **Volume:** 69 **Issue:** 8 **Pages:** 1633-1637 **Published:** APR 27 2000

Times Cited in Web of Science: 160

Total Times Cited: 172

Accession Number: WOS:000086910700019

ISSN: [0041-1337](#)

Record 10 of 10

Title: Accurate preoperative evaluation of liver mass lesions without fine-needle biopsy

Author(s): Torzilli, G (Torzilli, G); Minagawa, M (Minagawa, M); Takayama, T (Takayama, T); Inoue, K (Inoue, K); Hui, AM (Hui, AM); Kubota, K (Kubota, K); Ohtomo, K (Ohtomo, K); Makuuchi, M (Makuuchi, M)

Source: HEPATOLOGY **Volume:** 30 **Issue:** 4 **Pages:** 889-893 **DOI:** [10.1002/hep.510300411](#) **Published:** OCT 1999

Times Cited in Web of Science: 158

Total Times Cited: 162

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