

Overview on Colorectal papers

N° 10 -- June 2003

A ProctoSite's e-publication
www.proctosite.com

January 2003 / May 2003

Colorectal Cancer *Surgical treatment*

[Guenaga KF, Matos D, Castro AA, Atallah AN, Wille-Jorgensen P.](#)

Mechanical bowel preparation for elective colorectal surgery (Cochrane Review).
Cochrane Database Syst Rev. 2003;(2):CD001544.

[Bilchik AJ, Trocha SD.](#)

Lymphatic mapping and sentinel node analysis to optimize laparoscopic resection and staging of colorectal cancer: an update.
Cancer Control. 2003 May-Jun;10(3):219-23.

[Ishikawa K, Hashiguchi Y, Mochizuki H, Ozeki Y, Ueno H.](#)

Extranodal cancer deposit at the primary tumor site and the number of pulmonary lesions are useful prognostic factors after surgery for colorectal lung metastases.
Dis Colon Rectum. 2003 May;46(5):629-36.

[Van Dalen R, Church J, McGannon E, Fay S, Burke C, Clark B.](#)

Patterns of surgery in patients belonging to amsterdam-positive families.
Dis Colon Rectum. 2003 May;46(5):617-20.

[Patankar SK, Larach SW, Ferrara A, Williamson PR, Gallagher JT, DeJesus S, Narayanan S.](#)

Prospective Comparison of Laparoscopic vs. Open Resections for Colorectal Adenocarcinoma Over a Ten-Year Period.
Dis Colon Rectum. 2003 May;46(5):601-11.

[Zorcolo L, Covotta L, Carlomagno N, Bartolo DC.](#)

Safety of primary anastomosis in emergency colo-rectal surgery.
Colorectal Dis. 2003 May;5(3):262-9

[Urbach DR, Bell CM, Austin PC.](#)

Differences in operative mortality between high- and low-volume hospitals in Ontario for 5 major surgical procedures: estimating the number of lives potentially saved through regionalization.
CMAJ. 2003 May 27;168(11):1409-14.

[Ruo L, Gougoutas C, Paty PB, Guillem JG, Cohen AM, Wong WD.](#)

Elective bowel resection for incurable stage IV colorectal cancer: prognostic variables for asymptomatic patients.
J Am Coll Surg. 2003 May;196(5):722-8.

[Ascanelli S, Navarra G, Tonini G, Feo C, Zerbinati A, Pozza E, Carcoforo P.](#)

Early and late outcome after surgery for colorectal cancer: elective versus emergency surgery.

Tumori. 2003 Jan-Feb;89(1):36-41.

[Kanellos I, Demetriades H, Zintzaras E, Mandrali A, Mantzoros I, Betsis D.](#)

Incidence and prognostic value of positive peritoneal cytology in colorectal cancer. Dis Colon Rectum. 2003 Apr;46(4):535-9.

[Ike H, Shimada H, Yamaguchi S, Ichikawa Y, Fujii S, Ohki S.](#)

Outcome of total pelvic exenteration for primary rectal cancer. Dis Colon Rectum. 2003 Apr;46(4):474-80

[Brundell S, Tucker K, Chatterton B, Hewett P.](#)

Influence of lavage timing on tumor cell burden during colonic resection. Dis Colon Rectum. 2003 Apr;46(4):460-6.

[Mukai M, Himeno S, Mukoyama S, Tajima T, Saito Y, Ito I, Nakasaki H, Makuuchi H.](#)

Is temporary loop colostomy of the right transverse colon appropriate for complete obstruction by colorectal cancer? Oncol Rep. 2003 May-Jun;10(3):693-8.

[Hartley JE, Lopez RA, Paty PB, Wong WD, Cohen AM, Guillem JG.](#)

Resection of locally recurrent colorectal cancer in the presence of distant metastases: can it be justified? Ann Surg Oncol. 2003 Apr-May;10(3):227-33.

[Joseph NE, Sigurdson ER, Hanlon AL, Wang H, Mayer RJ, MacDonald JS, Catalano PJ, Haller DG.](#)

Accuracy of determining nodal negativity in colorectal cancer on the basis of the number of nodes retrieved on resection. Ann Surg Oncol. 2003 Apr-May;10(3):213-8.

[Gunnarsson U, Seligsohn E, Jestin P, Pahlman L.](#)

Registration and validity of surgical complications in colorectal cancer surgery. Br J Surg. 2003 Apr;90(4):454-9.

[Rullier E, Sa Cunha A, Couderc P, Rullier A, Gontier R, Saric J.](#)

Laparoscopic intersphincteric resection with coloplasty and coloanal anastomosis for mid and low rectal cancer. Br J Surg. 2003 Apr;90(4):445-51.

[Schmidt O, Merkel S, Hohenberger W.](#)

Anastomotic leakage after low rectal stapler anastomosis: significance of intraoperative anastomotic testing. Eur J Surg Oncol. 2003 Apr;29(3):239-43.

[Marijnen CA, Nagtegaal ID, Kapiteijn E, Kranenbarg EK, Noordijk EM, van Krieken JH, van de Velde CJ, Leer JW; Cooperative investigators of the Dutch Colorectal Cancer Group.](#)

Radiotherapy does not compensate for positive resection margins in rectal cancer patients: report of a multicenter randomized trial. Int J Radiat Oncol Biol Phys. 2003 Apr 1;55(5):1311-20.

[Keidar A, Chelouche DL, Ravid A, Klausner J, Goldman G, Rabau M.](#)

[Comparison between colonic J-pouch anal anastomosis and straight coloanal anastomosis following low anterior resection of the rectum] Harefuah. 2003 Jan;142(1):22-4, 78. Hebrew.

[Ojima H, Sasaki S, Fujisawa T, Ishibashi Y, Masuda N, Asao T, Kuwano H.](#)

Utility of serosal stamp cytology as an indicator for high-risk peritoneal metastasis in colorectal cancer surgery.

Hepatogastroenterology. 2003 Jan-Feb;50(49):87-90.

[Church JM, Gibbs P, Chao MW, Tjandra JJ.](#)

Optimizing the outcome for patients with rectal cancer.

Dis Colon Rectum. 2003 Mar;46(3):389-402. Review

[Shimoyama M, Yamazaki T, Suda T, Hatakeyama K.](#)

Prognostic significance of lateral lymph node micrometastases in lower rectal cancer: an immunohistochemical study with CAM5.2.

Dis Colon Rectum. 2003 Mar;46(3):333-9.

[Nakagoe T, Yamaguchi E, Tanaka K, Sawai T, Tsuji T, Shibasaki S, Nanashima A, Yamaguchi H, Yasutake T, Ayabe H.](#)

Distal intramural spread is an independent prognostic factor for distant metastasis and poor outcome in patients with rectal cancer: a multivariate analysis.

Ann Surg Oncol. 2003 Mar;10(2):163-70.

[Nakagoe T, Sawai T, Tsuji T, Shibasaki S, Jibiki M, Nanashima A, Yamaguchi H, Yasutake T, Ayabe H.](#)

Local rectal tumor resection results: gasless, video-endoscopic transanal excision versus the conventional posterior approach.

World J Surg. 2003 Feb;27(2):197-202.

[Liang JT, Lai HS, Huang KC, Chang KJ, Shieh MJ, Jeng YM, Wang SM.](#)

Comparison of medial-to-lateral versus traditional lateral-to-medial laparoscopic dissection sequences for resection of rectosigmoid cancers: randomized controlled clinical trial.

World J Surg. 2003 Feb;27(2):190-6.

[Bessa X, Pinol V, Castellvi-Bel S, Piazuelo E, Lacy AM, Elizalde JI, Pique JM, Castells A.](#)

Prognostic value of postoperative detection of blood circulating tumor cells in patients with colorectal cancer operated on for cure.

Ann Surg. 2003 Mar;237(3):368-75.

[Morino M, Parini U, Giraudo G, Salval M, Brachet Contul R, Garrone C.](#)

Laparoscopic total mesorectal excision: a consecutive series of 100 patients.

Ann Surg. 2003 Mar;237(3):335-42.

[Ammann K, Kirchmayr W, Klaus A, Muhlmann G, Kafka R, Oberwalder M, De Vries A, Ofner D, Weiss H.](#)

Impact of neoadjuvant chemoradiation on anal sphincter function in patients with carcinoma of the midrectum and low rectum.

Arch Surg. 2003 Mar;138(3):257-61.

[Glehen O, Mithieux F, Osinsky D, Beaujard AC, Freyer G, Guertsch P, Francois Y, Peyrat P, Panteix G, Vignal J, Gilly FN.](#)

Surgery combined with peritonectomy procedures and intraperitoneal chemohyperthermia in abdominal cancers with peritoneal carcinomatosis: a phase II study.

J Clin Oncol. 2003 Mar 1;21(5):799-806.

[Yamamoto S, Akasu T, Fujita S, Moriya Y.](#)

Long-term prognostic value of conventional peritoneal cytology after curative resection for colorectal carcinoma.

Jpn J Clin Oncol. 2003 Jan;33(1):33-7.

[Mackay SG, Pager CK, Joseph D, Stewart PJ, Solomon MJ.](#)

Assessment of the accuracy of transrectal ultrasonography in anorectal neoplasia.
Br J Surg. 2003 Mar;90(3):346-50.

[Rabeneck L, El-Serag HB, Davila JA, Sandler RS.](#)

Outcomes of colorectal cancer in the United States: no change in survival (1986-1997).
Am J Gastroenterol. 2003 Feb;98(2):471-7.

[Bilchik AJ, Nora DT, Sobin LH, Turner RR, Trocha S, Krasne D, Morton DL.](#)

Effect of lymphatic mapping on the new tumor-node-metastasis classification for colorectal cancer.

J Clin Oncol. 2003 Feb 15;21(4):668-72.

[Speake WJ, Abercrombie JF.](#)

Should 'doughnut' histology be routinely performed following anterior resection for rectal cancer?

Ann R Coll Surg Engl. 2003 Jan;85(1):26-7.

[Burton S, Eddy B, Li WY, Reddy K, Aslam M, Owen E, Weston J.](#)

Reliability of pre-operative biopsies in the histological grading of colorectal adenocarcinomas.

Ann R Coll Surg Engl. 2003 Jan;85(1):23-5.

[Hamy A, Tuech JJ, Pessaux P, Regenet N, Ziani M, Bergamaschi R, Arnaud JP.](#)

Palliation of carcinoma of the rectum using the urologic resectoscope.
Surg Endosc. 2003 Apr;17(4):627-31. Epub 2003 Feb 17

[Kanemitsu Y, Kato T, Hirai T, Yasui K, Morimoto T, Shimizu Y, Kodera Y, Yamamura Y.](#)

Survival after curative resection for mucinous adenocarcinoma of the colorectum.
Dis Colon Rectum. 2003 Feb;46(2):160-7.

[Hasegawa H, Kabeshima Y, Watanabe M, Yamamoto S, Kitajima M.](#)

Randomized controlled trial of laparoscopic versus open colectomy for advanced colorectal cancer.

Surg Endosc. 2003 Apr;17(4):636-40. Epub 2003 Feb 10.

[Sacchi G, Weber E, Agliano M, Lorenzoni P, Rossi A, Caruso AM, Vernillo R, Gerli R, Lorenzi M.](#)

Lymphatic vessels in colorectal cancer and their relation with inflammatory infiltrate.
Dis Colon Rectum. 2003 Jan;46(1):40-7.

[Korolija D, Tadic S, Simic D.](#)

Extent of oncological resection in laparoscopic vs. open colorectal surgery: meta-analysis.
Langenbecks Arch Surg. 2003 Jan;387(9-10):366-71. Epub 2002 Nov 23.

[Barrier A, Ferro L, Houry S, Lacaine F, Huguier M.](#)

Rectal cancer surgery in patients more than 80 years of age.
Am J Surg. 2003 Jan;185(1):54-7.

[Lennon AM, Mulcahy HE, Hyland JM, Lowry C, White A, Fennelly D, Murphy JJ, O'Donoghue DP, Sheahan K.](#)

Peritoneal involvement in stage II colon cancer.
Am J Clin Pathol. 2003 Jan;119(1):108-13.
PMID: 12520705 [PubMed - indexed for MEDLINE]

[Crane CH, Skibber JM, Feig BW, Vauthey JN, Thames HD, Curley SA, Rodriguez-Bigas MA, Wolff RA, Ellis LM, Delclos ME, Lin EH, Janjan NA.](#)

Response to preoperative chemoradiation increases the use of sphincter-preserving surgery in patients with locally advanced low rectal carcinoma.
Cancer. 2003 Jan 15;97(2):517-24.

[Moore HG, Riedel E, Minsky BD, Saltz L, Paty P, Wong D, Cohen AM, Guillem JG.](#)

Adequacy of 1-cm distal margin after restorative rectal cancer resection with sharp mesorectal excision and preoperative combined-modality therapy.
Ann Surg Oncol. 2003 Jan-Feb;10(1):80-5.

[Swanson RS, Compton CC, Stewart AK, Bland KI.](#)

The prognosis of T3N0 colon cancer is dependent on the number of lymph nodes examined.
Ann Surg Oncol. 2003 Jan-Feb;10(1):65-71.

[Luna-Perez P, Rodriguez-Ramirez S, Hernandez-Pacheco F, Gutierrez De La Barrera M, Fernandez R, Labastida S.](#)

Anal sphincter preservation in locally advanced low rectal adenocarcinoma after preoperative chemoradiation therapy and coloanal anastomosis.
J Surg Oncol. 2003 Jan;82(1):3-9

Adjuvant therapy

[Schaffer M, Krych M, Pachmann S, Abdel-Rahman S, Schaffer PM, Ertl-Wagner B, D hmke E, Issels RD.](#)

Feasibility and morbidity of combined hyperthermia and radiochemotherapy in recurrent rectal cancer - preliminary results.
Onkologie. 2003 Apr;26(2):120-4.

[Moehler M, Gutzler F, Steinmann S, Boehme M, Raeth U, Stremmel W, Galle PR, Rudi J.](#)

Comparison of a 48-Hour Infusion of 5-Fluorouracil without Folinic Acid with 24-Hour Folinic Acid/5-Fluorouracil in Patients with Metastatic Colorectal Cancer Refractory to Bolus Folinic Acid/5-Fluorouracil. A Prospective Cohort Study.
Chemotherapy. 2003;49(1-2):85-9.

[Hanke B, Wein A, Martus P, Riedel C, Voelker M, Hahn EG, Schuppan D.](#)

Serum markers of matrix turnover as predictors for the evolution of colorectal cancer metastasis under chemotherapy.
Br J Cancer. 2003 Apr 22;88(8):1248-50.

[Magne N, Fischel JL, Formento P, Etienne MC, Dubreuil A, Marcie S, Lagrange JL, Milano G.](#)

Oxaliplatin-5-fluorouracil and ionizing radiation. Importance of the sequence and influence of p53 status.
Oncology. 2003;64(3):280-7.

[Stein DE, Mahmoud NN, Anne PR, Rose DG, Isenberg GA, Goldstein SD, Mitchell E, Fry RD.](#)

Longer time interval between completion of neoadjuvant chemoradiation and surgical resection does not improve downstaging of rectal carcinoma.
Dis Colon Rectum. 2003 Apr;46(4):448-53.

[Scheithauer W, Kornek GV, Raderer M, Schull B, Schmid K, Kovats E, Schneeweiss B, Lang F, Lenauer A, Depisch D.](#)

Randomized multicenter phase II trial of two different schedules of capecitabine plus oxaliplatin as first-line treatment in advanced colorectal cancer.
J Clin Oncol. 2003 Apr 1;21(7):1307-12.

[Marijnen CA, Nagtegaal ID, Kapiteijn E, Kranenbarg EK, Noordijk EM, van Krieken JH, van de Velde CJ, Leer JW; Cooperative investigators of the Dutch Colorectal Cancer Group.](#)

Radiotherapy does not compensate for positive resection margins in rectal cancer patients: report of a multicenter randomized trial.

Int J Radiat Oncol Biol Phys. 2003 Apr 1;55(5):1311-20.

[Ammann K, Kirchmayr W, Klaus A, Muhlmann G, Kafka R, Oberwalder M, De Vries A, Ofner D, Weiss H.](#)

Impact of neoadjuvant chemoradiation on anal sphincter function in patients with carcinoma of the midrectum and low rectum.

Arch Surg. 2003 Mar;138(3):257-61.

[Shi W, Teschendorf C, Muzyczka N, Siemann DW.](#)

Gene therapy delivery of endostatin enhances the treatment efficacy of radiation.

Radiother Oncol. 2003 Jan;66(1):1-9.

Risk factors, staging, follow-up and screening

[Mitchell RM, Byrne MF, Baillie J.](#)

Colonoscopy or barium enema for population colorectal cancer screening?

Dig Liver Dis. 2003 Apr;35(4):207-11.

[Skaife P, Seow-Choen F, Eu KW, Tang CL.](#)

A novel indicator for surveillance colonoscopy following colorectal cancer resection.

Colorectal Dis. 2003 Jan;5(1):45-8.

[McFall MR, Woods WG, Miles WF.](#)

Colonoscopic surveillance after curative colorectal resection: Results of an empirical surveillance programme.

Colorectal Dis. 2003 May;5(3):233-40.

[Li S, Nie Z, Li N, Li J, Zhang P, Yang Z, Mu S, Du Y, Hu J, Yuan S, Qu H, Zhang T, Wang S, Dong E, Qi D.](#)

Colorectal cancer screening for the natural population of Beijing with sequential fecal occult blood test: a multicenter study.

Chin Med J (Engl). 2003 Feb;116(2):200-2.

[Moot AR, Polglase A, Giles GG, Garson OM, Thursfield V, Gunter D.](#)

Men with colorectal cancer are predisposed to prostate cancer.

ANZ J Surg. 2003 May;73(5):289-93

[Fisher DA, Jeffreys A, Grambow SC, Provenzale D.](#)

Mortality and follow-up colonoscopy after colorectal cancer.

Am J Gastroenterol. 2003 Apr;98(4):901-6.

[Bingham SA, Day NE, Luben R, Ferrari P, Slimani N, Norat T, Clavel-Chapelon F, Kesse E, Nieters A, Boeing H, Tjonneland A, Overvad K, Martinez C, Dorransoro M, Gonzalez CA, Key TJ, Trichopoulou A, Naska A, Vineis P, Tumino R, Krogh V, Bueno-de-Mesquita HB, Peeters PH, Berglund G, Hallmans G, Lund E, Skeie G, Kaaks R, Riboli E; European Prospective Investigation into Cancer and Nutrition.](#)

Dietary fibre in food and protection against colorectal cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC): an observational study.
Lancet. 2003 May 3;361(9368):1496-501.

[Peters U, Sinha R, Chatterjee N, Subar AF, Ziegler RG, Kulldorff M, Bresalier R, Weissfeld JL, Flood A, Schatzkin A, Hayes RB; Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Project Team.](#)

Dietary fibre and colorectal adenoma in a colorectal cancer early detection programme.
Lancet. 2003 May 3;361(9368):1491-5.

[Giovannucci E.](#)

Diet, body weight, and colorectal cancer: a summary of the epidemiologic evidence.
J Womens Health (Larchmt). 2003 Mar;12(2):173-82.

[Wong WM, Lam SK, Cheung KL, Tong TS, Rozen P, Young GP, Chu KW, Ho J, Law WL, Tung HM, Choi HK, Lee YM, Lai KC, Hu WH, Chan CK, Yuen MF, Wong BC.](#)

Evaluation of an automated immunochemical fecal occult blood test for colorectal neoplasia detection in a Chinese population.
Cancer. 2003 May 15;97(10):2420-4.

[Gluecker TM, Johnson CD, Harmsen WS, Offord KP, Harris AM, Wilson LA, Ahlquist DA.](#)
Colorectal Cancer Screening with CT Colonography, Colonoscopy, and Double-Contrast Barium Enema Examination: Prospective Assessment of Patient Perceptions and Preferences.

Radiology. 2003 May;227(2):378-84.

[Mai V, Flood A, Peters U, Lacey JV Jr, Schairer C, Schatzkin A.](#)

Dietary fibre and risk of colorectal cancer in the Breast Cancer Detection Demonstration Project (BCDDP) follow-up cohort.
Int J Epidemiol. 2003 Apr;32(2):234-9.

[Nkondjock A, Shatenstein B, Maisonneuve P, Ghadirian P.](#)

Assessment of risk associated with specific fatty acids and colorectal cancer among French-Canadians in Montreal: a case-control study.
Int J Epidemiol. 2003 Apr;32(2):200-9; discussion 209-10.

[McCullough ML, Robertson AS, Rodriguez C, Jacobs EJ, Chao A, Carolyn J, Calle EE, Willett WC, Thun MJ.](#)

Calcium, vitamin D, dairy products, and risk of colorectal cancer in the cancer prevention study II nutrition cohort (United States).
Cancer Causes Control. 2003 Feb;14(1):1-12.

[Malila N, Hakulinen T.](#)

Epidemiological trends of colorectal cancer in the Nordic countries.
Scand J Surg. 2003;92(1):5-9.

[Newcomb PA, Storer BE, Morimoto LM, Templeton A, Potter JD.](#)

Long-term efficacy of sigmoidoscopy in the reduction of colorectal cancer incidence.
J Natl Cancer Inst. 2003 Apr 16;95(8):622-5.

[Feingold DL, Forde KA.](#)

Colorectal cancer surveillance after age 65 years.
Am J Surg. 2003 Apr;185(4):297-300.

[\[No authors listed\]](#)

Colorectal cancer test use among persons aged > or = 50 years--United States, 2001.
MMWR Morb Mortal Wkly Rep. 2003 Mar 14;52(10):193-6.

[Duffy MJ, van Dalen A, Haglund C, Hansson L, Klapdor R, Lamerz R, Nilsson O, Sturgeon C, Topolcan O.](#)

Clinical utility of biochemical markers in colorectal cancer. European Group on Tumour Markers (EGTM) guidelines.
Eur J Cancer. 2003 Apr;39(6):718-27.

[Sandler RS, Halabi S, Baron JA, Budinger S, Paskett E, Keresztes R, Petrelli N, Pipas JM, Karp DD, Loprinzi CL, Steinbach G, Schilsky R.](#)

A randomized trial of aspirin to prevent colorectal adenomas in patients with previous colorectal cancer.
N Engl J Med. 2003 Mar 6;348(10):883-90. Erratum in: N Engl J Med. 2003 May 8;348(19):1939.

[Bessa X, Pinol V, Castellvi-Bel S, Piazuelo E, Lacy AM, Elizalde JI, Pique JM, Castells A.](#)

Prognostic value of postoperative detection of blood circulating tumor cells in patients with colorectal cancer operated on for cure.
Ann Surg. 2003 Mar;237(3):368-75.

[Mackay SG, Pager CK, Joseph D, Stewart PJ, Solomon MJ.](#)

Assessment of the accuracy of transrectal ultrasonography in anorectal neoplasia.
Br J Surg. 2003 Mar;90(3):346-50.

[Niv Y, Dickman R, Figer A, Abuksis G, Fraser G.](#)

Case-control study of screening colonoscopy in relatives of patients with colorectal cancer.
Am J Gastroenterol. 2003 Feb;98(2):486-9.

[Rabeneck L, El-Serag HB, Davila JA, Sandler RS.](#)

Outcomes of colorectal cancer in the United States: no change in survival (1986-1997).
Am J Gastroenterol. 2003 Feb;98(2):471-7.

[Winawer S, Fletcher R, Rex D, Bond J, Burt R, Ferrucci J, Ganiats T, Levin T, Woolf S, Johnson D, Kirk L, Litin S, Simman C; Gastrointestinal Consortium Panel.](#)

Colorectal cancer screening and surveillance: clinical guidelines and rationale-Update based on new evidence.
Gastroenterology. 2003 Feb;124(2):544-60.

[Navarro A, Diaz MP, Munoz SE, Lantieri MJ, Eynard AR.](#)

Characterization of meat consumption and risk of colorectal cancer in Cordoba, Argentina.
Nutrition. 2003 Jan;19(1):7-10.

Metastatic disease

[Ishikawa K, Hashiguchi Y, Mochizuki H, Ozeki Y, Ueno H.](#)

Extranodal cancer deposit at the primary tumor site and the number of pulmonary lesions are useful prognostic factors after surgery for colorectal lung metastases.
Dis Colon Rectum. 2003 May;46(5):629-36.

[Taschieri AM, Elli M, Vignati GA, Montecamozzo G, Danelli PG, Kurihara H, Poliziani D.](#)

Repeated liver resection for recurrent metastases from colorectal cancer.
Hepatogastroenterology. 2003 Mar-Apr;50(50):472-4.

[Elias D, Ouellet JF, Bellon N, Pignon JP, Pocard M, Lasser P.](#)

Extrahepatic disease does not contraindicate hepatectomy for colorectal liver metastases.
Br J Surg. 2003 May;90(5):567-74.

[Prall F, Gringmuth U, Nizze H, Barten M.](#)

Microvessel densities and microvascular architecture in colorectal carcinomas and their liver metastases: significant correlation of high microvessel densities with better survival.
Histopathology. 2003 May;42(5):482-91.

Molecular biology

[Ishida H, Murata N, Tada M, Okada N, Hashimoto D, Kubota S, Shirakawa K, Wakasugi H.](#)

Determining the levels of matrix metalloproteinase-9 in portal and peripheral blood is useful for predicting liver metastasis of colorectal cancer.
Jpn J Clin Oncol. 2003 Apr;33(4):186-91.

[Zhang H, Arbman G, Sun XF.](#)

Codon 201 polymorphism of DCC gene is a prognostic factor in patients with colorectal cancer.
Cancer Detect Prev. 2003;27(3):216-21.

[Palma RT, Waisberg J, Bromberg SH, Simao AB, Godoy AC.](#)

Micrometastasis in regional lymph nodes of extirpated colorectal carcinoma: immunohistochemical study using anti-cytokeratin antibodies AE1/AE3.
Colorectal Dis. 2003 Mar;5(2):164-8.

[Li C, Gardy R, Seon BK, Duff SE, Abdalla S, Renehan A, O'Dwyer ST, Haboubi N, Kumar S.](#)

Both high intratumoral microvessel density determined using CD105 antibody and elevated plasma levels of CD105 in colorectal cancer patients correlate with poor prognosis.
Br J Cancer. 2003 May 6;88(9):1424-31.

[Tagore KS, Lawson MJ, Yucaitis JA, Gage R, Orr T, Shuber AP, Ross ME.](#)

Sensitivity and specificity of a stool DNA multitarget assay panel for the detection of advanced colorectal neoplasia.
Clin Colorectal Cancer. 2003 May;3(1):47-53.

[Bendardaf R, Ristamaki R, Kujari H, Laine J, Lamlum H, Collan Y, Pyrhonen S.](#)

Apoptotic index and bcl-2 expression as prognostic factors in colorectal carcinoma.
Oncology. 2003;64(4):435-42.

[Funaki H, Nishimura G, Harada S, Ninomiya I, Terada I, Fushida S, Tani T, Fujimura T, Kayahara M, Shimizu K, Ohta T, Miwa K.](#)

Expression of vascular endothelial growth factor D is associated with lymph node metastasis in human colorectal carcinoma.
Oncology. 2003;64(4):416-22.

[Ladabaum U, Scheiman JM, Fendrick AM.](#)

Potential effect of cyclooxygenase-2-specific inhibitors on the prevention of colorectal cancer: a cost-effectiveness analysis.

Am J Med. 2003 May;114(7):546-54

[Bottone FG Jr, Martinez JM, Collins JB, Afshari CA, Eling TE.](#)

Gene modulation by the cyclooxygenase inhibitor, sulindac sulfide in human colorectal carcinoma cells: possible link to apoptosis.

J Biol Chem. 2003 May 6 [Epub ahead of print]

[Tokuhara K, Ogata Y, Nakagawa M, Shirouzu K.](#)

Ets-1 expression in vascular endothelial cells as an angiogenic and prognostic factor in colorectal carcinoma.

Int Surg. 2003 Jan-Mar;88(1):25-33.

[Marciniak DJ, Moragoda L, Mohammad RM, Yu Y, Nagothu KK, Aboukameel A, Sarkar FH, Adsay VN, Rishi AK, Majumdar AP.](#)

Epidermal growth factor receptor-related protein: a potential therapeutic agent for colorectal cancer.

Gastroenterology. 2003 May;124(5):1337-47

[Reinmuth N, Liu W, Ahmad SA, Fan F, Stoeltzing O, Parikh AA, Bucana CD, Gallick GE, Nickols MA, Westlin WF, Ellis LM.](#)

Alphavbeta3 integrin antagonist S247 decreases colon cancer metastasis and angiogenesis and improves survival in mice.

Cancer Res. 2003 May 1;63(9):2079-87.

[Brink M, de Goeij AF, Weijnenberg MP, Roemen GM, Lentjes MH, Pachen MM, Smits KM, de Bruine AP, Goldbohm RA, van den Brandt PA.](#)

K-ras oncogene mutations in sporadic colorectal cancer in The Netherlands Cohort Study.

Carcinogenesis. 2003 Apr;24(4):703-10

[Liu Q, Chan ST, Mahendran R.](#)

Nitric oxide induces cyclooxygenase expression and inhibits cell growth in colon cancer cell lines.

Carcinogenesis. 2003 Apr;24(4):637-42

[Jubb AM, Quirke P, Oates AJ.](#)

DNA methylation, a biomarker for colorectal cancer: implications for screening and pathological utility.

Ann N Y Acad Sci. 2003 Mar;983:251-67. Review.

[Okulczyk B, Piotrowski Z, Kovalchuk O, Niklinski J, Chyczewski L.](#)

Evaluation of K-RAS gene in colorectal cancer.

Folia Histochem Cytobiol. 2003;41(2):97-100.

[Wiese FW, Thompson PA, Warneke J, Einspahr J, Alberts DS, Kadlubar FF.](#)

Variation in cyclooxygenase expression levels within the colorectum.

Mol Carcinog. 2003 May;37(1):25-31.

[Lin LJ, Zheng CQ, Jin Y, Ma Y, Jiang WG, Ma T.](#)

Expression of survivin protein in human colorectal carcinogenesis.

World J Gastroenterol. 2003 May;9(5):974-7

[Greenson JK, Bonner JD, Ben-Yzhak O, Cohen HI, Miselevich I, Resnick MB, Trougouboff P, Tomsho LD, Kim E, Low M, Almog R, Rennert G, Gruber SB.](#)

Phenotype of microsatellite unstable colorectal carcinomas: Well-differentiated and focally mucinous tumors and the absence of dirty necrosis correlate with microsatellite instability. *Am J Surg Pathol.* 2003 May;27(5):563-70.

[Takahashi T, Sano B, Nagata T, Kato H, Sugiyama Y, Kunieda K, Kimura M, Okano Y, Saji S.](#)

Polo-like kinase 1 (PLK1) is overexpressed in primary colorectal cancers. *Cancer Sci.* 2003 Feb;94(2):148-52

[Baker EA, Leaper DJ.](#)

The plasminogen activator and matrix metalloproteinase systems in colorectal cancer. relationship to tumour pathology. *Eur J Cancer.* 2003 May;39(7):981-8.

[Wang C, van Rijnsoever M, Grieu F, Bydder S, Elsaleh H, Joseph D, Harvey J, Iacopetta B.](#)

Prognostic significance of microsatellite instability and Ki-ras mutation type in stage II colorectal cancer. *Oncology.* 2003;64(3):259-65.

[Yamauchi T, Watanabe M, Hasegawa H, Nishibori H, Ishii Y, Tatematsu H, Yamamoto K, Kubota T, Kitajima M.](#)

The potential for a selective cyclooxygenase-2 inhibitor in the prevention of liver metastasis in human colorectal cancer. *Anticancer Res.* 2003 Jan-Feb;23(1A):245-9.

[Guzinska-Ustymowicz K, Sulkowska M, Famulski W, Sulkowski S.](#)

Tumour 'budding' and its relationship to p53 and Bcl-2 expression in colorectal cancer. *Anticancer Res.* 2003 Jan-Feb;23(1B):649-53.

[King J, Zhao J, Clingan P, Morris D.](#)

Randomised double blind placebo control study of adjuvant treatment with the metalloproteinase inhibitor, Marimastat in patients with inoperable colorectal hepatic metastases: significant survival advantage in patients with musculoskeletal side-effects. *Anticancer Res.* 2003 Jan-Feb;23(1B):639-45.

[Wang H, Chakrabarty S.](#)

Platelet-activating factor activates mitogen-activated protein kinases, inhibits proliferation, induces differentiation and suppresses the malignant phenotype of human colon carcinoma cells. *Oncogene.* 2003 Apr 10;22(14):2186-91.

[Huang P, Wang J, Guo Y, Xie W.](#)

Molecular detection of disseminated tumor cells in the peripheral blood in patients with gastrointestinal cancer. *J Cancer Res Clin Oncol.* 2003 Mar;129(3):192-8. Epub 2003 Mar 18.

[Nagy N, Legendre H, Engels O, Andre S, Kaltner H, Wasano K, Zick Y, Pector JC, Decaestecker C, Gabius HJ, Salmon I, Kiss R.](#)

Refined prognostic evaluation in colon carcinoma using immunohistochemical galectin fingerprinting. *Cancer.* 2003 Apr 15;97(8):1849-58.

[Kim JC, Koo KC, Roh SC, Cho YC, Kim HC, Yu CC, Kim HC, Kim JC, Cho MC.](#)

Genetic and epigenetic changes in the APC gene in sporadic colorectal carcinoma with synchronous adenoma.

Int J Colorectal Dis. 2003 May;18(3):203-9. Epub 2002 Dec 14.

[Bertario L, Russo A, Sala P, Pizzetti P, Ballardini G, Andreola S, Spinelli P.](#)

Predictors of metachronous colorectal neoplasms in sporadic adenoma patients.

Int J Cancer. 2003 May 20;105(1):82-7.

[Sheen AJ, Sherlock DJ, Irlam J, Hawkins RE, Gilham DE.](#)

T lymphocytes isolated from patients with advanced colorectal cancer are suitable for gene immunotherapy approaches.

Br J Cancer. 2003 Apr 7;88(7):1119-27

[Jiang M, Milner J.](#)

Bcl-2 constitutively suppresses p53-dependent apoptosis in colorectal cancer cells.

Genes Dev. 2003 Apr 1;17(7):832-7.

[Ueda K, Iwahashi M, Nakamori M, Nakamura M, Matsuura I, Ojima T, Yamaue H.](#)

Improvement of carcinoembryonic antigen-specific prodrug gene therapy for experimental colon cancer.

Surgery. 2003 Mar;133(3):309-17.

[Kawakami M, Furuhata T, Kimura Y, Yamaguchi K, Hata F, Sasaki K, Hirata K.](#)

Quantification of vascular endothelial growth factor-C and its receptor-3 messenger RNA with real-time quantitative polymerase chain reaction as a predictor of lymph node metastasis in human colorectal cancer.

Surgery. 2003 Mar;133(3):300-8.

[Lawes DA, SenGupta S, Boulos PB.](#)

The clinical importance and prognostic implications of microsatellite instability in sporadic cancer.

Eur J Surg Oncol. 2003 Apr;29(3):201-12. Review

[Rodel C, Haas J, Groth A, Grabenbauer GG, Sauer R, Rodel F.](#)

Spontaneous and radiation-induced apoptosis in colorectal carcinoma cells with different intrinsic radiosensitivities: survivin as a radioresistance factor.

Int J Radiat Oncol Biol Phys. 2003 Apr 1;55(5):1341-7.

[Duffy MJ, van Dalen A, Haglund C, Hansson L, Klapdor R, Lamerz R, Nilsson O, Sturgeon C, Topolcan O.](#)

Clinical utility of biochemical markers in colorectal cancer. European Group on Tumour Markers (EGTM) guidelines.

Eur J Cancer. 2003 Apr;39(6):718-27.

[Masaki T, Matsuoka H, Sugiyama M, Abe N, Izumisato Y, Sakamoto A, Atomi Y.](#)

Laminin-5 gamma2 chain expression as a possible determinant of tumor aggressiveness in T1 colorectal carcinomas.

Dig Dis Sci. 2003 Feb;48(2):272-8.

[Williams NS, Gaynor RB, Scoggin S, Verma U, Gokaslan T, Simmann C, Fleming J, Tavana D, Frenkel E, Becerra C.](#)

Identification and validation of genes involved in the pathogenesis of colorectal cancer using cDNA microarrays and RNA interference.

Clin Cancer Res. 2003 Mar;9(3):931-46.

[Shimoyama M, Yamazaki T, Suda T, Hatakeyama K.](#)

Prognostic significance of lateral lymph node micrometastases in lower rectal cancer: an immunohistochemical study with CAM5.2.
Dis Colon Rectum. 2003 Mar;46(3):333-9.

[Cohen RB.](#)

Epidermal growth factor receptor as a therapeutic target in colorectal cancer.
Clin Colorectal Cancer. 2003 Feb;2(4):246-51.

[Chu E.](#)

Clinical Colorectal Cancer: The Epidermal Growth Factor Receptor Signaling Pathway as a Chemotherapeutic Target.
Clin Colorectal Cancer. 2003 Feb;2(4):202-203.

[Muro S, Takemasa I, Oba S, Matoba R, Ueno N, Maruyama C, Yamashita R, Sekimoto M, Yamamoto H, Nakamori S, Monden M, Ishii S, Kato K.](#)

Identification of expressed genes linked to malignancy of human colorectal carcinoma by parametric clustering of quantitative expression data.
Genome Biol. 2003;4(3):R21. Epub 2003 Feb 27.

[Aoki S, Shimamura T, Shibata T, Nakanishi Y, Moriya Y, Sato Y, Kitajima M, Sakamoto M, Hirohashi S.](#)

Prognostic significance of dysadherin expression in advanced colorectal carcinoma.
Br J Cancer. 2003 Mar 10;88(5):726-32.

[Diep CB, Thorstensen L, Meling GI, Skovlund E, Rognum TO, Lothe RA.](#)

Genetic tumor markers with prognostic impact in Dukes' stages B and C colorectal cancer patients.
J Clin Oncol. 2003 Mar 1;21(5):820-9.

[Pitari GM, Zingman LV, Hodgson DM, Alekseev AE, Kazerounian S, Bienengraeber M, Hajnoczky G, Terzic A, Waldman SA.](#)

Bacterial enterotoxins are associated with resistance to colon cancer.
Proc Natl Acad Sci U S A. 2003 Mar 4;100(5):2695-9. Epub 2003 Feb 19.

[Stoeltzing O, Liu W, Reinmuth N, Fan F, Parry GC, Parikh AA, McCarty MF, Bucana CD, Mazar AP, Ellis LM.](#)

Inhibition of integrin alpha5beta1 function with a small peptide (ATN-161) plus continuous 5-FU infusion reduces colorectal liver metastases and improves survival in mice.
Int J Cancer. 2003 Apr 20;104(4):496-503.

[Diergaarde B, van Geloof WL, van Muijen GN, Kok FJ, Kampman E.](#)

Dietary factors and the occurrence of truncating APC mutations in sporadic colon carcinomas: a Dutch population-based study.
Carcinogenesis. 2003 Feb;24(2):283-90.

[Ellis LM.](#)

A targeted approach for antiangiogenic therapy of metastatic human colon cancer.
Am Surg. 2003 Jan;69(1):3-10. Review.

[Khorana AA, Ryan CK, Cox C, Eberly S, Sahasrabudhe DM.](#)

Vascular endothelial growth factor, CD68, and epidermal growth factor receptor expression and survival in patients with Stage II and Stage III colon carcinoma: a role for the host response in prognosis.
Cancer. 2003 Feb 15;97(4):960-8.

[Yao M, Kargman S, Lam EC, Kelly CR, Zheng Y, Luk P, Kwong E, Evans JF, Wolfe MM.](#)

Inhibition of cyclooxygenase-2 by rofecoxib attenuates the growth and metastatic potential of colorectal carcinoma in mice.
Cancer Res. 2003 Feb 1;63(3):586-92.

[Yamashita K, Arimura Y, Shimizu H, Takahashi H, Endo T, Imai K, Yamano H.](#)
Increased cyclooxygenase-2 expression in large flat colorectal tumors (laterally spreading tumors).
J Gastroenterol. 2003;38(1):69-73.

[Shi W, Teschendorf C, Muzyczka N, Siemann DW.](#)
Gene therapy delivery of endostatin enhances the treatment efficacy of radiation.
Radiother Oncol. 2003 Jan;66(1):1-9.

[Bombski G, Gasiorowska A, Orszulak-Michalak D, Neneman B, Kotynia J, Strzelczyk J, Janiak A, Malecka-Panas E.](#)
Elevated plasma gastrin, CEA, and CA 19-9 levels decrease after colorectal cancer resection.
Int J Colorectal Dis. 2003 Mar;18(2):148-52. Epub 2002 Aug 14.

[Hendriks Y, Franken P, Dierssen JW, De Leeuw W, Wijnen J, Dreef E, Tops C, Breuning M, Brocker-Vriends A, Vasen H, Fodde R, Morreau H.](#)
Conventional and tissue microarray immunohistochemical expression analysis of mismatch repair in hereditary colorectal tumors.
Am J Pathol. 2003 Feb;162(2):469-77.

[Yamada Y, Oyama T, Hirose Y, Hara A, Sugie S, Yoshida K, Yoshimi N, Mori H.](#)
beta-Catenin mutation is selected during malignant transformation in colon carcinogenesis.
Carcinogenesis. 2003 Jan;24(1):91-7.

[Allegra CJ, Paik S, Colangelo LH, Parr AL, Kirsch I, Kim G, Klein P, Johnston PG, Wolmark N, Wieand HS.](#)
Prognostic value of thymidylate synthase, Ki-67, and p53 in patients with Dukes' B and C colon cancer: a National Cancer Institute-National Surgical Adjuvant Breast and Bowel Project collaborative study.
J Clin Oncol. 2003 Jan 15;21(2):241-50.

[Jass JR, Barker M, Fraser L, Walsh MD, Whitehall VL, Gabrielli B, Young J, Leggett BA.](#)
APC mutation and tumour budding in colorectal cancer.
J Clin Pathol. 2003 Jan;56(1):69-73.

[Ryan BM, Lefort F, McManus R, Daly J, Keeling PW, Weir DG, Kelleher D.](#)
A prospective study of circulating mutant KRAS2 in the serum of patients with colorectal neoplasia: strong prognostic indicator in postoperative follow up.
Gut. 2003 Jan;52(1):101-8.