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Present Position: Associate Professor
Sex: Male
Date of Birth: 3, September 1967
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Education

1986-1992 Nagasaki University School of Medicine, Awarded the degree of M.D.
1994-1996 Laboratory of Molecular medicine, institute of Medical Science, University of Tokyo,
working under professor Y. Nakamura
1996-1998 Department of Surgery II, Nagasaki University School of Medicine, Awarded the degree
of Ph.D. for a thesis entitled "Accumulation of genetic Changes During Development and
Progression of Hepatocellular Carcinoma." Work supervised by Professor Y. Nakamura

Medical Training and Professional career

6/1992-3/1993 Nagasaki University Hospital, Department of Surgery II
4/1993-3/1994 Hamamatsu Medical Center, department of surgery
4/1998-3/2000 Yamaguchi Medical Center, department of Surgery
4/2000-7/2001 Nagasaki University Hospital, Department of Surgery
8/2001-10/2003 Kimmel Cancer Center, working under professor CM Croce, Surgical Research
11/2003-3/2003 Nagasaki Municipal Hospital, Department of Surgery
4/2003-3/2004 Gotoh Central Hospital, Department of Surgery
4/2004-3/2012 Nagasaki University Graduate School of Biomedical Sciences, Assistant Professor
4/2012-present Nagasaki University Graduate School of Biomedical Sciences, Associate Professor

Medical License and Degree

Degree of Medical Doctor,	5/27/1992, #349222
Degree of Post-graduate Doctor,	3/31/1998, #865
Specialty of Japanese Surgical Society,	12/1/2001, #1909308
Specialty of Japanese Gastroenterological Surgery,	1/1/2006, #3003083
Fellow of Japan Society for Endoscopic Surgery,	1/1/2006, #06-GS-080
Fellow of Japanese Society of Gastroenterology,	1/1/2007, #29295
Japanese Board of Cancer Therapy, 4/1/2009,	#08101153
Japanese Board of Gastroenterological Cancer Therapy,	3/23/2008, #2951
Qualified instructor for Japan Society of Hepato-Biliary Pancreatic Surgery	
The Japanese Society for Transplantation, Board Certified Transplant Physician	8/1/2012 #20120808

Society Memberships

Japan Surgical Society,	0211850
Japanese Society of Gastroenterological Surgery,	G0211850
Japanese Society of Gastroenterology,	28860
Japan Society for Hepatobiliary-pancreato Surgery,	552-571-4056
Japan Society of Cancer Oncology,	23386
Japanese Surgical Association,	22104
Japan Society for Endoscopic Surgery,	540-620-6459
Japan Pancreas Society,	62
Japanese College of Surgeons,	8485
Japan Biliary Association,	KU-172
Japanese Transplantation Association,	140-375-8373
International association of pancreatology (IAP)	IAP1814

Board member

Japan Society for Hepatobiliary-pancreato Surgery
Japan Society for Single Incision Laparoscopic Surgery
Kyushu Society of Surgery
Japan Surgical Society

Award, Grants

Nagasaki Medical Association Award	1997
Nagasaki Medical Association Award	2006
National grant by Ministry of labor and health	2009
Pancreas Research Foundation of Japan	2009
TAKEDA Medical Grant Award	2012

Invited Lecture

Nagasaki Medical Association, Nagasaki, Japan “The management of pancreatic Fistula”,	6/23/2007
Nagasaki Conference for Surgeons, Nagasaki, Japan “Intraductal papillary Mucinous Neoplasm”,	6/23/2007
Nagasaki Pancreatic Cancer Conference, Nagasaki, Japan “Surgical Strategy for Pancreatic Cancer”,	6/10/2008
Nagasaki Conference for Surgeons, Nagasaki, Japan “Laparoscopic and Minimally Invasive Pancreatic Surgery in Nagasaki”,	1/17/2009
Hamamatsu Conference for Surgeons, Hamamatsu, Japan “Laparoscopic Pancreatic Surgery”,	1/10/2012

Area of Interest and Study Field

Laparoscopic Surgery, Pancreas and biliary tract
Islet cell transplantation
Molecular medicine, Pancreatic cancer

Publications

- 1) Kuroki T, Fujiwara Y, Tsuchiya E, Nakamori S, Imaoka S, Kanematsu T, Nakamura Y. Accumulation of genetic changes during development and progression of hepatocellular carcinoma: Loss of heterozygosity on chromosome arm 1p occurs at an early stage of hepatocarcinogenesis. *GENES, CHROMOSOME & CANCER*, 13: 163-167, 1995.
- 2) Kuroki T, Fujiwara Y, Nakamori S, Imaoka S, Kanematsu T, Nakamura Y. Evidence for the presence of two tumor-suppressor genes for hepatocellular carcinoma on chromosome 13q. *British Journal of Cancer*, 72: 383-385, 1995.
- 3) Fujiwara Y, Ohata H, Kuroki T, Koyama K, Tsuchiya E, Monden M, Nakamura Y. Isolation of a candidate tumor suppressor gene on chromosome 8p21.3-p22 that is homologous to an extracellular domain of the PDGF receptor beta gene. *Oncogene*, 10: 891-895, 1995.
- 4) Ozaki K, Kuroki T, Hayashi S, Nakamura Y. Isolation of three testis-specific genes (TSA303, TSA806, TSA903) by differential mRNA display method. *Genomics*, 36: 316-319, 1996.
- 5) Fukuda S, Kuroki T, Kohsaki H, Hayashi S, Ozaki K, Yamori T, Tsuruo T, Nakamori S, Imaoka S, Nakamura Y. Isolation of a novel gene showing reduced expression in metastatic colorectal carcinoma cell lines and carcinomas. *Jpn. J. Cancer Res.* 88: 725-731, 1997.
- 6) Lim J, Kuroki T, Ozaki K, Kohsaki H, Yamori T, Tsuruo T, Nakamori S, Imaoka S, Endo M, Nakamura Y. Isolation of murine and human homologues of the fission-yeast *dis3+* gene encoding a micro-control protein and its overexpression in cancer cells with progressive phenotype. *Cancer Research*, 57: 921-925, 1997.
- 7) Tamura S, Nakamori S, Kuroki T, Sasaki Y, Furukawa H, Ishikawa O, Imaoka S, Nakamura Y. Association of cumulative allelic losses with tumor aggressiveness in hepatocellular carcinoma. *Journal of Hepatology*, 27: 669-676, 1997.
- 8) Kuroki T, Tomioka T, Tajima Y, Inoue K, Ikematsu Y, Ichinose Y, Furui J, Kanematsu T. Detection of the pancreas-specific gene in the peripheral blood of patients with pancreatic carcinoma. *British Journal of Cancer*, 81: 350-353, 1999.
- 9) Kurata S, Hirata K, Kuroki T, Nawata S, Nagashima H, Kuroda Y, Nakayasu K, Hongo H, Zempo N, Esato K. Abdominal aortic aneurysm surgery in patients with cardiac and renal complications: retrograde anastomosis using a ringed Y-graft. *Int. J. Angiol.* 10: 1061-1711, 2001.
- 10) Matsuo K, Kuroki T, Kitaoka F, Tajima Y, Kanematsu T. Loss of heterozygosity of chromosome 16q in gallbladder carcinoma. *Journal of surgical research.* 102: 133-136, 2002.
- 11) Kuroki T, Tajima Y, Matsuzaki S, Fukuda K, Kitajima T, Furui J, Kanematsu T. Pre-and intraoperative evaluation of biliary system for successful laparoscopic cholecystectomy in porcelain gallbladder patients. *Hepato-Gastroenterology*, 49: 621-624, 2002.
- 12) Kuroki T, Fukuda K, Yamanouchi K, Kitajima T, Matsuzaki S, Tajima Y, Furui J, Kanematsu T. *Helicobacter pylori* accelerates the biliary epithelial cell proliferation activity in hepatolithiasis. *Hepato-Gastroenterology*, 49: 648-651, 2002.
- 13) Kuroki T, Trapasso F, Shiraishi T, Alder H, Mimori K, Mori M, Croce CM. Genetic alterations of the tumor suppressor gene *WWOX* in esophageal squamous cell carcinoma. *Cancer Research*, 62: 2258-2260, 2002.
- 14) Fukuda K, Kuroki T, Tajima Y, Tsuneoka N, Kitajima T, Matsuzaki S, Furui J, Kanematsu T. Comparative analysis of *Helicobacter* DNAs and biliary pathology in patients with and without hepatobiliary cancer. *Carcinogenesis*, 23: 1927-1931, 2002.
- 15) Kuroki T, Yendamuri S, Trapasso F, Henry AC, Dumon KR, Huebner K, Williams NN, Kaiser LR, Croce CM. WW domain containing oxidoreductase gene expression is altered in non-small cell lung cancer. *Cancer Research*, 63: 878-881, 2003.
- 16) Trapasso F, Krakowiak A, Cesari R, Arkles J, Yendamuri S, Ishii H, Vecchione A, Kuroki T, Bieganski P, Pace HC, Huebner K, Croce CM, Brenner C. Designed FHIT alleles established that Fhit-

induced apoptosis in cancer cells is limited by substrate binding. Proc. Natl. Acad. Sci. USA, 100; 1592-1597, 2003.

17) Maeda S, Shimizu K, Minami S, Hayashida N, Kuroki T, Furuichi A, Sugiyama N, Ishigaki K, Suto R, Furui J, Kanematsu T. Video-assisted neck surgery for thyroid and parathyroid diseases. Biomed Pharmacother, 56; 92-95, 2003.

18) Kitajima T, Tajima Y, Matsuzaki S, Kuroki T, Fukuda K, Kanematsu T. Acceleration of spontaneous biliary carcinogenesis in hamsters by bilioenterostomy. Carcinogenesis, 24; 133-137, 2003.

19) Kuroki T, Trapasso F, Yendamuri S, Matsuyama A, Alder H, Mori M, Croce CM. Promoter hypermethylation of RASSF1A in esophageal squamous cell carcinoma. Clinical Cancer Research, 63; 1441-1445, 2003.

20) Kuroki T, Trapasso F, Yendamuri S, Matsuyama A, Alder H, Williams NN, Kaiser LR, Croce CM. Allelic loss on chromosome 3p21.3 and promoter hypermethylation of *Semaphorin 3B* in non-small cell lung cancer. Cancer Research, 63; 3352-3355, 2003.

21) Kuroki T, Trapasso F, Yendamuri S, Matsuyama A, Alder H, Mori M, Croce CM. Allelic loss and hypermethylation of VHL, RAR-beta, RASSF1A, and FHIT tumor suppressor genes on chromosome 3p in esophageal squamous cell carcinoma. Cancer Research, 63; 3724-3728, 2003.

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23) Matsuyama A, Shiraishi T, Trapasso F, Kuroki T, Alder H, Mori M, Heubner K, Croce CM. Fragile site orthologs FHIT/FRA3B and Fhit/Fra14A2: Evolutionarily conserved but highly recombinogenic. Proc. Natl. Acad. Sci. USA, 100; 14988-14993, 2003.

24) Tajima Y, Kuroki T, Fukuda K, Tsuneoka N, Furui J, Kanematsu T. An intraductal papillary component is associated with prolonged survival after hepatic resection for intrahepatic cholangiocarcinoma. Br J Surg., 91(1): 99-104, 2004.

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26) Kuroki T, Sai Yendamuri, Francesco Trapasso, Ayumi Matsuyama, Hansjuerg Alder, Shashi Rattan, Rossano Cesari, Maria L. Nolli, Noel N. Williams, Masaki Mori, Takashi Kanematsu, and Carlo M. Croce. The Tumor Suppressor Gene *WWOX* at *FRA16D* Is Involved in Pancreatic Carcinogenesis. Clinical Cancer Research, 10: 2459-2465, 2004.

27) Kuroki T, Aquilan RI, Pekarsky Y, Albagha O, Trapasso F, Baffa R, Huebner K, Edmonds P, Croce CM. Loss of *WWOX* Expression in Gastric Carcinoma. Clinical Cancer Research, 10: 3053-3058, 2004.

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30) Kuroki T, Tajima Y, Kanematsu T. Role of the Hypermethylation on the carcinogenesis of Pancreas. Surgery Today, 34: 981-986, 2004.

31) Kuroki T, Tajima Y, Matsuo K, Kanematsu T. Genetic alterations in gallbladder carcinoma. Surgery Today, 35: 101-105, 2005

- 32) Kuroki T, Fukuda K, Tajima Y, Matsuzaki S, Kitajima T, Furui J, Kanematsu T. A Case of parapancreatic choledochoduodenal fistula associated with cholangiocarcinoma: Report of a Case. *J Hepatobiliary Pancreat Surg.*, 12: 143-146, 2005.
- 33) Tsuneoka N, Tajima Y, Kitazato A, Fukuda K, Kitajima T, Kuroki T, Onizuka S, Kanematsu T. Chemopreventative effect of a cyclooxygenase-2-specific inhibitor (etodolac) on chemically induced biliary carcinogenesis in hamsters. *Carcinogenesis*, 26(2): 465-469, 2005.
- 34) Kuroki T, Tajima Y, Furui J, Kanematsu T. Common fragile genes and digestive tract cancers. *Surgery Today*, 36: 1-5, 2006.
- 35) Kuroki T, Tajima Y, Kanematsu T. Surgical Management for the Prevention of Pancreatic Fistula following Distal Pancreatectomy. *J Hepatobiliary Pancreat Surg.*, 12: 283-285, 2005.
- 36) Kuroki T, Tajima Y, Kanematsu T. Hepatolithiasis and intrahepatic cholangiocarcinoma: carcinogenesis based on molecular mechanisms. *J Hepatobiliary Pancreat Surg.*, 12: 463-466, 2005.
- 37) Tajima Y, Matsuzaki S, Fukuda K, Tsutsumi R, Kuroki T, Furui J, Kanematsu T. A retrograde tube-gastrostomy technique for management of delayed gastric emptying after pylorus-preserving pancreatoduodenectomy. *Acta Med. Nagasaki*, 50: 55-59, 2005.
- 38) Tajima Y, Tomioka T, Ikematsu Y, Yamanaka T, Kuroki T, Kitajima T, Fukuda K, Tsuneoka T, Kitazato A, Adachi T, Kanematsu T. Experimental study on pathogenesis and histomorphology of early carcinoma of the extrahepatic bile duct in the Syrian hamster. *J Exp Clin Cancer Res*, 24,3: 475-482, 2005.
- 39) Kuroki T, Tajima Y, Tsutsumi R, Mishima T, Kitazato A, Adachi T, Kanematsu T. Inferior Branch Preserving Superior Head Resection of the Pancreas with Gastric Wall Covering Method for Intraductal Papillary Mucinous Adenoma. *The American J Surgery*, 191: 823-826, 2006.
- 40) Haraguchi M, Kuroki T, Tsuneoka N, Furui J, Kanematsu T. Management of chylous leakage after axillary lymph node dissection in a patient undergoing breast surgery. *Breast*, 15: 677-679, 2005.
- 41) Tajima Y, Kuroki T, Tsutsumi R, Fukuda K, Kitazato A, Adachi T, Mishima T, Kanematsu T. Risk factors for pancreatic anastomotic leakage: the significance of preoperative dynamic magnetic resonance imaging of the pancreas as a predictor of leakage. *J Am Coll Surg*, 202: 723-731, 2006.
- 42) Adachi T, Tajima Y, Kuroki T, Tsutsumi R, Mishima T, Kitazato A, Kanematsu T. Demonstration of a biliobronchial fistula with a hepatoiminodiacetic acid scan. *The American J Surgery*, 191: 794-796, 2006.
- 43) Kuroki T, Tajima Y, Tsutsumi R, Mishima T, Kitazato A, Adachi T, Kanematsu T. Intraoperative pancreatography and gastric-wall-covering method for the prevention of pancreatic leakage after enucleation of insulinoma in the pancreas. *J Hepatobiliary Pancreat Surg.*, 13: 314-316, 2006.
- 44) Tajima Y, Kuroki T, Susumu S, Tsutsumi R, Kitazato A, Adachi T, Mishima T, Kanematsu T. Acute suppuration of the pancreatic duct associated with pancreatic ductal obstruction due to pancreas carcinoma. *Pancreas*, 33: 195-197, 2006.
- 45) Tsuneoka N, Kuroki T, Haraguchi M, Kanematsu T. Predicting the antitumor effects of STI571 by analysis of c-kit gene mutations in gastrointestinal stromal tumors of the stomach: report of a case. *Surg Today*, 36: 989-993, 2006.
- 46) Adachi T, Tajima Y, Kuroki T, Tsutsumi R, Mishima T, Kitazato A, Kanematsu T. Bile-Reflux into the Pancreatic Ducts is Associated with the Development of Intraductal Papillary Carcinoma in Hamsters. *J Surg Research*, 136: 106-111, 2006.
- 47) Tajima Y, Tsutsumi R, Kuroki T, Mishima T, Adachi T, Kitazato A, Kanematsu T. Evaluation and management of thoracopancreatic fistula. *Surgery*, 140: 773-778, 2006.
- 48) Kuroki T, Tajima Y, Tsutsumi R, Tsuneoka N, Kitazato A, Adachi T, Kanematsu T. Endoscopic naso-pancreatic stent-guided single-branch resection of the pancreas for multiple intraductal papillary mucinous adenomas. *World J Gastroenterol*, 12: 7203-7205, 2006.

- 49) Tajima Y, Kuroki T, Tsutsumi R, Sakamoto I, Uetani M, Kanematsu T. Extrahepatic collaterals and liver damage in embolotherapy for ruptured hepatic artery pseudoaneurysm following hepatobiliary pancreatic surgery. *World J Gastroenterol.* 13:408-413, 2007.
- 50) Tajima Y, Kuroki T, Tsutsumi R, Isomoto I, Uetani M, Kanematsu T. Pancreatic carcinoma coexisting with chronic pancreatitis versus tumor-forming pancreatitis: Diagnostic utility of the time-signal intensity curve from dynamic contrast-enhanced MR imaging. *World J Gastroenterol.* 13:858-65, 2007.
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- 52) Kuroki T, Tajima Y, Tsutsumi R, Tsuneoka N, Kitasato A, Adachi T, Kanematsu T. Gastric wall-covering method for the prevention of pancreatic fistula after hand-assisted laparoscopic distal pancreatectomy for pancreatic tumor. *Hepatogastroenterology* ;54:932-4, 2007.
- 53) Kuroki T, Tajima Y, Tsutsumi R, Tsuneoka N, Fukuda K, Haraguchi M, Furui J, Kanematsu T. Gastric wall-covering method for the prevention of pancreatic fistula after pancreatic resection. *Hepatogastroenterology*;54:935-6, 2007.
- 54) Kuroki T, Tajima Y, Tsuneoka N, Kitasato A, Adachi T, Mishima T, Kanematsu T. Biliary navigation surgery using endoscopic nasobiliary drainage tube for the prevention of bile duct injury in laparoscopic cholecystectomy. *Hepatogastroenterology*;54:1018-9, 2007.
- 55) Adachi T, Tajima Y, Kuroki T, , Tsutsumi R, Mishima T, Kitazato A, , Kanematsu T. Analysis of type I diabetic patients for planning pancreatic islet cell transplantation in Nagasaki. *Acta Med. Nagasaki*; 52: 93-94, 2007.
- 56) Yendamuri S, Trapasso F, Ferracin M, Cesari R, Svignani C, Shimizu M, Rattan S, Kuroki T, Dumon KR, Bullrich F, Liu CG, Negrini M, Williams NN, Kaiser LR, Croce CM, Calin GA. Tumor suppressor functions of ARLTS1 in lung cancers. *Cancer Research*, 67:7738-7745, 2007.
- 57) Kuroki T, Tajima Y, Tsutsumi R, Mishima T, Kitazato A, Adachi T, Kanematsu T. Surgical management for stenosis of the pancreaticojejunostomy *International Surgery*, 93:155-157, 2008.
- 58) Kuroki T, Tajima Y, Tsuneoka N, Kitasato A, Adachi T, Mishima T, Kanematsu T. A Jejunal Wall-Covering Method following Central Pancreatectomy for Prevention of a Pancreatic Fistula: A Novel Technique. *Hepatogastroenterology*;55:1478-1479, 2008.
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- 60) Kitasato A, Tajima Y, Kuroki T, Mishima T, Adachi T, Tsutsumi R, Kanematsu T. Inflammatory Cytokines Promote Inducible Nitric Oxide Synthase-Mediated DNA Damage on Gallbladder Epithelial Cells of the Hamster. *World J Gastroenterol.*, 13(47):6379-84. 2007
- 61) Tajima Y, Kuroki T, Ohno T, Furui J, Tsuneoka N, Mishima T, Adachi T, Kosaka T, Haraguchi M, Kanematsu T. Resectable carcinoma developing in the remnant pancreas 3 years after pylorus-preserving pancreaticoduodenectomy for invasive ductal carcinoma of the pancreas. *Pancreas*, 36: 324-327, 2008
- 62) Adachi T, Tajima Y, Kuroki T, Mishima T, Kitasato A, Tsuneoka N, Kanematsu T. Chemoprevention effects of a selective cyclooxygenase-2 inhibitor (etodolac) on chemically induced intraductal papillary carcinoma of the pancreas in hamsters. *Carcinogenesis*, 29: 830-833, 2008
- 63) Kuroki T, Tajima Y, Tsuneoka N, Adachi T, Kanematsu T. Intraoperative pancreatography using an

endoscopic naso-pancreatic drainage tube for the prevention of pancreatic fistula after local pancreatic resection

Hepatogastroenterology;56:535-537, 2009.

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Hepatogastroenterology;56:877-880, 2009.

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Chemopreventative Effect of Hochu-ekki-to (TJ-41) on Chemically Induced Biliary Carcinogenesis in Hamsters.

J Surg Res.; 151, 22-27, 2009.

66) Tajima Y, Kuroki T, Tsuneoka N, Kitasato A, Adachi T, Mishima T, Kosaka T, Kanematsu T.

Multifocal branch-duct pancreatic intraductal papillary mucinous neoplasms.

Am J Surg.; 196, 50-52, 2008.

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Am J Surg.; 197, 9-10, 2009.

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Long-term increase in liver volume after Denver peritoneovenous shunt: report of two cases.

Liver Int.; 29, 774-775, 2009.

69) Tajima Y, Kuroki T, Tsuneoka N, Adachi T, Mishima T, Kosaka T, Kanematsu T. Long-term outcome of percutaneous treatment and surgery for postoperative benign biliary stricture.

Acta Med. Nagasaki; 53: 23-28, 2008.

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J Surg Research; 158: 61-68, 2010.

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Hepatogastroenterology, 57:1539-1542, 2010.

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Rib lifting method for the retraction of the low-lying costal arch in laparoscopic cholecystectomy of gallbladder torsion with kyphoscoliosis.

Hepatogastroenterology, 56:1268-1269, 2009.

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Surgery; 145: 341-342, 2009.

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J Hepatobiliary pancreat Surg; 16: 865-868, 2009.

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Acta Med. Nagasaki, 53: 89-95, 2009.

76) Kuroki T, Tajima Y, Tsuneoka N, Adachi T, Kanematsu T.

Utility of preoperative dynamic magnetic resonance imaging of the pancreas in diagnosing tumor-forming pancreatitis mimicking pancreatic cancer.

Surgery Today, 40(1): 76-78, 2010.

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Pancreas-hanging maneuver in the laparoscopic pancreaticoduodenectomy: A new technique for the safe resection of the pancreas head.

Surgical Endoscopy, 24, 1781-1783, 2010.

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Br J Surg. 97(4), 544-9, 2010.

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Hepatogastroenterology, 57:354-357, 2010.

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