

Curriculum Vitae

NAME: Manabu Kawai, M.D., Ph.D.



PRESENT POSITION :

Associate professor, Second Department of Surgery, Wakayama Medical University

BUSINESS ADDRESS:

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PERSONAL DATA:

Place of Birth: Wakayama, Japan/ *Date of Birth:* October 20, 1970/ *Citizenship:* Japan

EDUCATION:

Ph.D. 2001 Surgery
Wakayama Medical University, School of Medicine, Wakayama,
Japan.

M.D. 1995 Medicine
Tottori University, School of Medicine, Tottori, Japan.

PROFESSIONAL EXPERIENCE AND EMPLOYMENT:

2012/10-present Associate Professor, Second Department of Surgery, Wakayama
Medical University, School of Medicine, Wakayama, Japan.

2012/5-2012/9 Visiting Clinician, Mayo Clinic, Minnesota, US

2011/10-2012/4 Associate Professor, Second Department of Surgery, Wakayama
Medical University, School of Medicine, Wakayama, Japan.

2003/2-2011/10 Assistant Professor, Second Department of Surgery, Wakayama
Medical University, School of Medicine, Wakayama, Japan.

2001/4-2003/1 Clinical Research Fellow, Second Department of Surgery,
Wakayama Medical University, School of Medicine, Wakayama,

Japan.
1997/4-2001/3 Graduate student, Second Department of Surgery,
Wakayama Medical University, School of Medicine, Wakayama,
Japan.
1995/4-1997/3 Resident, Second Department of Surgery,
Wakayama Medical University, School of Medicine, Wakayama,
Japan.
1995 passed the examination of National Board

MAJOR FIELDS OF INTEREST:

1. Pancreatic surgery, HBP surgery
2. Pancreatic cancer, Bile duct carcinoma, IPMN
3. Clinical research of pancreatic surgery

AFFILIATED SOCIETIES:

INTERNATIONAL HEPATO-PANCREATO-BILIARY ASSOCIATION (Active member)

INTERNATIONAL ASSOCIATION OF PANCREATOLOGY (Active member)

THE JAPAN SURGICAL SOCIETY

(Board Certified Surgeon, Board Certified Instructor)

THE JAPANESE SOCIETY OF GASTROENTEROLOGICAL SURGERY

(Councilor, Board Certified Surgeon in Gastroenterology, Board Certified Instructor)

THE JAPANESE SOCIETY OF HEPATO-BILIARY-PANCREATIC SURGERY

(Councilor, Board Certified Expert Surgeon (Hepatobiliary-Pancreatic Field))

THE JAPAN PANCREAS SOCIETY

(Councilor, Member of the committee for clinical guidelines of pancreatic cancer)

THE JAPAN GASTROENTEROLOGICAL ENDOSCOPY SOCIETY

(Board Certified Gastrointestinal Endoscopy)

THE JAPAN BILIARY ASSOCIATION

(Board Certified Instructor)

BOARD CERTIFICATION:

Japanese Board of Surgery (2005-)

Japanese Board of Gastroenterological Surgery (2005-)

Japanese Board of Gastrointestinal Endoscopy (2007-)

Japanese Board of Hepato-Biliary-Pancreatic Surgery certificated expert surgeon
(2011-)

PEER REVIEWED PUBLICATIONS:

1. **Kawai M.** Murakami Y, Motoi F, Sho M, Sato S, Matsumoto I, Honda G, Hirono H, Okada K, Unno M, Nakajima Y, Uemura K, A-Hon Kwon, Fukumoto T, Kurata M, Yamaue H. Pancreatic fistula grade B does not deteriorate survival after pancreatectomy for pancreatic cancer: A multicenter observational study. *Surgery*. 2016. *in press*
2. Hirono S, **Kawai M.** Okada KI, Miyazawa M, Shimizu A, Kitahata Y, Ueno M, Yamaue H. Treatment strategy for borderline resectable pancreatic cancer with radiographic artery involvement. *Pancreas* 2016. *in press*
3. Hirono S, **Kawai M.** Okada KI, Miyazawa M, Shimizu A, Kitahata Y, Ueno M, Yamaue H. Long-term surveillance is necessary after surgical resection for intraductal papillary mucinous neoplasm of the pancreas. *Surgery*. 2016. *in press*
4. Okada K, **Kawai M.** Hirono S, Fujii T, Kodera Y, Sho M, Nakajima Y, Sato S, Kwon AH, Shimizu Y, Ambo Y, Kondo N, Murakami Y, Ohuchida J, Eguchi H, Nagano H, Oba MS, Morita S, Sakamoto J, Yamaue H. Evaluation of the Efficacy of Daikenchuto (TJ -100) for Prevention of Paralytic Ileus after Pancreaticoduodenectomy: A Multicenter, Double-blind, Randomized, Placebo-controlled Trial. *Surgery*. 159:1333-1341, 2016.
5. Hirono S, **Kawai M.** Okada KI, Miyazawa M, Shimizu A, Kitahata Y, Ueno M, Yamaue H. Pancreatic neck cancer has specific and oncologic characteristics regarding portal vein invasion and lymph node metastasis. *Surgery*. 159:426-440, 2016.
6. Sho M, Murakami Y, **Kawai M.** Motoi F, Sato S, Matsumoto I, Honda G, Uemura K, Yanagimoto H, Kurata M, Akahori T, Kinoshita S, Nagai M, Nishiwada S, Fukumoto T, Unno M, Yamaue H, Nakajima Y. Prognosis after surgical treatment for pancreatic cancer in patients aged 80 years or older: a multicenter study. *J Hepatobiliary Pancreat Sci*. 23:188-197, 2016.
7. **Kawai M.** Hirono S, Okada KI, Sho M, Nakajima Y, Eguchi H, Nagano H, Ikoma H, Morimura R, Takeda Y, Nakahira S, Suzumura K, Fujimoto J, Yamaue H. Randomized controlled trial of pancreaticojejunostomy versus stapler closure of the pancreatic stump during distal pancreatectomy to reduce pancreatic fistula. *Ann Surg*. 2015 *in press*.
8. Uemura K, Murakami Y, Sato S, Sho M, Motoi F, **Kawai M.** Matsumoto I, Honda G, Kurata M, Yanagimoto H, Nishiwada S, Fukumoto T, Unno M, Yamaue H. Impact of Preoperative Biliary Drainage on Long-Term Survival in Resected Pancreatic Ductal Adenocarcinoma: A Multicenter Observational Study. *Ann Surg Oncol*. 2015 *in press*.
9. Sato S, Murakami Y, Motoi F, Sho M, Matsumoto I, Uemura K, **Kawai M.** Kurata M, Yanagimoto H, Yamamoto T, Mizuma M, Unno M, Kinoshita S, Akahori T, Shinzaki M, Fukumoto T, Hashimoto Y, Hirono S, Yamaue H, Honda G, Kwon M. Reappraisal of Total Pancreatectomy in 45 Patients With Pancreatic Ductal Adenocarcinoma in the Modern Era

Using Matched-Pairs Analysis: Multicenter Study Group of Pancreatobiliary Surgery in Japan. *Pancreas*. 2015 in press

10. Ueno M, Hayami S, Shigekawa Y, **Kawai M**, Hirono S, Okada KI, Tamai H, Shingaki N, Mori Y, Ichinose M, Yamaue H. Prognostic impact of surgery and radiofrequency ablation on single nodular HCC ≤ 5 cm: cohort study based on serum HCC markers. *J Hepatol*.63:1352-1359, 2015.
11. Murakami Y, Satoi S, Sho M, Motoi F, Matsumoto I, **Kawai M**, Honda G, Uemura K, Yanagimoto H, Shinzeki M, Kurata M, Kinoshita S, Yamaue H, Unno M. National Comprehensive Cancer Network Resectability Status for Pancreatic Carcinoma Predicts Overall Survival. *World J Surg*, 3:2306-2314, 2015
12. Satoi S, Murakami Y, Motoi F, Uemura K, **Kawai M**, Kurata M, Sho M, Matsumoto I, Yanagimoto H, Yamamoto T, Mizuma M, Unno M, Hashimoto Y, Hirono S, Yamaue H, Honda G, Nagai M, Nakajima Y, Shinzeki M, Fukumoto T, Kwon AH. Reappraisal of peritoneal washing cytology in 984 patients with pancreatic ductal adenocarcinoma who underwent margin-negative resection. *J Gastrointest Surg*, 19:6-14, 2015.
13. Sho M, Murakami Y, Motoi F, Satoi S, Matsumoto I, **Kawai M**, Honda G, Uemura K, Yanagimoto H, Kurata M, Fukumoto T, Akahori T, Kinoshita S, Nagai M, Nishiwada S, Unno M, Yamaue H, Nakajima Y. Postoperative prognosis of pancreatic cancer with para-aortic lymph node metastasis: a multicenter study on 822 patients. *J Gastroenterol*, 50:694-702, 2015.
14. Tani M, **Kawai M**, Okada K, Hirono S, Hotta T, Takifuji K, Yamaue H. Evaluation of the health-related quality of life for patients following laparoscopic cholecystectomy. *Surg Today*. 45:564-568, 2015.
15. Hirono S, Murakami Y, Tani M, **Kawai M**, Okada K, Uemura K, Sudo T, Hashimoto Y, Nakagawa N, Kondo N, Yamaue H. Identification of risk factors for pancreatic exocrine insufficiency after pancreaticoduodenectomy using a ^{13}C -labeled mixed triglyceride breath test. *World J Surg*. 39:516-525, 2015.
16. Miyazawa M, **Kawai M**, Hirono S, Okada K, Shimizu A, Kitahata Y, Yamaue H. Preoperative evaluation of the confluent drainage veins to the gastrocolic trunk of Henle: understanding the surgical vascular anatomy during pancreaticoduodenectomy. *J Hepatobiliary Pancreat Sci*. 22:386-391, 2015.
17. Okada K, **Kawai M**, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Tani M, Yamaue H. A replaced right hepatic artery adjacent to pancreatic carcinoma should be divided to obtain R0 resection in pancreaticoduodenectomy. *Langenbecks Arch Surg*. 400:57-65, 2015
18. Okada K, **Kawai M**, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H. Perioperative administration of Daikenchuto (TJ-100) reduces the postoperative paralytic ileus in patients with pancreaticoduodenectomy. *Hepatogastroenterology*.62:466-471, 2015.
19. Murakami Y, Satoi S, Motoi F, Sho M, **Kawai M**, Matsumoto I, Honda G; Multicentre Study Group of Pancreatobiliary Surgery (MSG-PBS); Multicentre Study Group of Pancreatobiliary Surgery MSG-PBS. Portal or superior mesenteric vein resection in pancreaticoduodenectomy for pancreatic head carcinoma. *Br J Surg*.102:837-46, 2015.
20. Okada K, **Kawai M**, Tani M, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H : Isolated Roux-en-Y anastomosis of the pancreatic stump in a duct-to-mucosa fashion in

- patients with distal pancreatectomy with en-bloc celiac axis resection. *J Hepatobiliary Pancreat Sci.*21:193-198, 2014.
21. Ueno M, Hayami S, Tani M, **Kawai M**, Hirono S, Yamaue H : Recent trends in hepatectomy for elderly patients with hepatocellular carcinoma. *Surg Today.* 44:1651-1659, 2014.
 22. Yamaue H, Satoi S, Kanbe T, Miyazawa M, Tani M, **Kawai M**, Hirono S, Okada K, Yanagimoto H, Kwon AH, Mukouyama T, Tsunoda H, Chijiwa K, Ohuchida J, Kato J, Ueda K, Yamaguchi T, Egawa S, Hayashi K, Shirasaka T : Phase II clinical study of alternate-day oral therapy with S-1 as first-line chemotherapy for locally advanced and metastatic pancreatic cancer. *Cancer Chemother Pharmacol.*73:97-102, 2014.
 23. Okada KI, **Kawai M**, Tani M, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H : Predicting factors for unresectability in patients with pancreatic ductal adenocarcinoma. *J Hepatobiliary Pancreat Sci.* 21:648-653, 2014.
 24. Hirono S, **Kawai M**, Tani M, Okada K, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H : Indication for the use of an interposed graft during portal vein and/or superior mesenteric vein reconstruction in pancreatic resection based on perioperative outcomes. *Langenbecks Arch Surg.* 399:461-471, 2014.
 25. Kitahata Y, **Kawai M**, Tani M, Hirono S, Okada KI, Miyazawa M, Shimizu A, Yamaue H : Preoperative cholangitis during biliary drainage increases the incidence of postoperative severe complications after pancreaticoduodenectomy. *Am J Surg.* 208:1-10,2014.
 26. Okada K, **Kawai M**, Tani M, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H. Preservation of the left gastric artery on the basis of anatomical features in patients undergoing distal pancreatectomy with celiac axis en-bloc resection (DP-CAR). *World J Surg.* 38:2980-2985, 2014.
 27. Tani M, **Kawai M**, Hirono S, Okada KI, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H. Randomized clinical trial of isolated Roux-en-Y versus conventional reconstruction after pancreaticoduodenectomy. *Br J Surg.*101:1084-1091, 2014.
 28. **Kawai M**, Tani M, Hirono S, Okada KI, Miyazawa M, Yamaue H : Pylorus-Resecting Pancreaticoduodenectomy Offers Long-Term Outcomes Similar to Those of Pylorus-Preserving Pancreaticoduodenectomy: Results of a Prospective Study. *World J Surg.* 38:1476-1483, 2014.
 29. Okada K, **Kawai M**, Tani M, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H : Surgical strategy for patients with pancreatic body/tail carcinoma: who should undergo distal pancreatectomy with en-bloc celiac axis resection? *Surgery.*153:365-372, 2013.
 30. **Kawai M**, Tani M, Okada K, Hirono S, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H : Stump closure of a thick pancreas using stapler closure increases pancreatic fistula after distal pancreatectomy. *Am J Surg.* 206:352-359, 2013.
 31. Hirono S, Tani M, **Kawai M**, Okada K, Miyazawa M, Shimizu A, Uchiyama K, Yamaue H. Identification of the lymphatic drainage pathways from the pancreatic head guided by indocyanine green fluorescence imaging during pancreaticoduodenectomy. *Dig Surg.* 29:132-139,2012.
 32. Shimizu A, Hirono S, Tani M, **Kawai M**, Okada K, Miyazawa M, Kitahata Y, Nakamura Y, Noda T, Yokoyama S, Yamaue H. *Cancer Sci.* 103:739-746, 2012
 33. Hirono S, Tani M, **Kawai M**, Okada K, Miyazawa M, Shimizu A, Kitahata Y, Yamaue H.

The carcinoembryonic antigen level in pancreatic juice and mural nodule size are predictors of malignancy for branch duct type intraductal papillary mucinous neoplasms of the pancreas. *Ann Surg.* 255:517-522, 2012.

34. Tani M, **Kawai M**, Hirono S, Hatori T, Imaizumi T, Nakao A, Egawa S, Asano T, Nagakawa T, Yamaue H. Use of omentum or falciform ligament does not decrease complications after pancreaticoduodenectomy: nationwide survey of the Japanese Society of Pancreatic Surgery. *Surgery.* 151:183-191, 2012.
35. Yamaue H, Tani M, **Kawai M**, Hirono S, Okada K, Miyazawa M. Pancreatic dissection in the procedure of pancreaticoduodenectomy (with videos). *J Hepatobiliary Pancreat Sci.* 19:95-99, 2012.
36. Uchiyama K, Ueno M, Ozawa S, Kiriyaama S, Shigekawa Y, Hirono S, **Kawai M**, Tani M, Yamaue H. Combined intraoperative use of contrast-enhanced ultrasonography imaging using a sonazoid and fluorescence navigation system with indocyanine green during anatomical hepatectomy. *Langenbecks Arch Surg.* 396:1101-1107, 2011.
37. **Kawai M**, Tani M, Hirono S, Miyazawa M, Shimizu A, Uchiyama K, Yamaue H : Pylorus ring resection reduces delayed gastric emptying in patients undergoing pancreatoduodenectomy: a prospective, randomized, controlled trial of pylorus-resecting versus pylorus-preserving pancreatoduodenectomy. *Ann Surg.* 253:495-501, 2011.
38. **Kawai M**, Yamaue H : Pancreaticoduodenectomy versus pylorus- preserving pancreaticoduodenectomy: the clinical impact of a new surgical procedure; pylorus-resecting pancreaticoduodenectomy. *J Hepatobiliary Pancreat Sci.:* 18:755-761, 2011.
39. **Kawai M**, Kondo S, Yamaue H, Wada K, Sano K, Motoi F, Unno M, Sato S, Kwon AH, Hatori T, Yamamoto M, Matsumoto J, Murakami Y, Doi R, Ito M, Miyakawa S, Shinchi H, Natsugoe S, Nakagawara H, Ohta T, Takada T : Predictive risk factors for clinically relevant pancreatic fistula analyzed in 1,239 patients with pancreaticoduodenectomy: multicenter data collection as a project study of pancreatic surgery by the Japanese Society of Hepato-Biliary-Pancreatic Surgery. *J Hepatobiliary Pancreat Sci.* 18:601-608, 2011.
40. Uchiyama K, Ueno M, Ozawa S, Kiriyaama S, **Kawai M**, Hirono S, Tani M, Yamaue H : Risk factors for postoperative infectious complications after hepatectomy. *J Hepatobiliary Pancreat Sci.* 18:67-73, 2011.
41. Shimizu A, Tani M, **Kawai M**, Hirono S, Miyazawa M, Uchiyama K, Yamaue H : Influence of Visceral Obesity for Postoperative Pulmonary Complications After Pancreaticoduodenectomy. *J Gastrointest Surg.* 15:1401-1410, 2011.
42. **Kawai M**, Yamaue H : Analysis of clinical trials evaluating complications after pancreaticoduodenectomy: a new era of pancreatic surgery *Surg Today.* 40:1011-1017, 2010.
43. **Kawai M**, Tani M, Kobayashi Y, Tsuji T, Tabuse K, Horiuchi T, Oka M, Yamaguchi K, Sakata Y, Shimomura T, Yamaue H : The ratio between metastatic and examined lymph nodes is an independent prognostic factor for patients with resectable middle and distal bile duct carcinoma. *Am J Surg.* 199:447-452, 2010.
44. Nishioka R, Itoh S, Gui T, Gai Z, Oikawa K, **Kawai M**, Tani M, Yamaue H, Muragaki Y : SNAIL induces epithelial-to-mesenchymal transition in a human pancreatic cancer cell line

- (BxPC3) and promotes distant metastasis and invasiveness in vivo. *Exp Mol Pathol*. 89:149-157, 2010.
45. Miyazawa M, Ohsawa R, Tsunoda T, Hirono S, **Kawai M**, Tani M, Nakamura Y, Yamaue H : Phase I clinical trial using peptide vaccine for human vascular endothelial growth factor receptor 2 in combination with gemcitabine for patients with advanced pancreatic cancer. *Cancer Sci* 101 : 433-439, 2010.
 46. Hirono S, Yamaue H, Hoshikawa Y, Ina S, Tani M, **Kawai M**, Ushijima M, Matsuura M, Saiki Y, Saiura A, Yamamoto J, Miki Y, Noda T : Molecular markers associated with lymph node metastasis in pancreatic ductal adenocarcinoma by genome-wide expression profiling. *Cancer Sci* 101 : 259-66, 2010.
 47. Shimamoto T, Tani M, **Kawai M**, Hirono S, Ina S, Miyazawa M, Shimizu A, Uchiyama K, Yokoyama S, Tsutsumi M, Yamaue H : MUC1 is a useful molecular marker for malignant intraductal papillary mucinous neoplasms in pancreatic juice obtained from endoscopic retrograde pancreatography. *Pancreas* 39 : 879-883, 2010. I.F.=2.959, C.I.=17
 48. Tani M, **Kawai M**, Hirono S, Ina S, Miyazawa M, Shimizu A, Yamaue H : A prospective randomized controlled trial of internal versus external drainage with pancreaticojejunostomy for pancreaticoduodenectomy. *Am J Surg* 199 : 759-764, 2010.
 49. **Kawai M**, Tani M, Hirono S, Ina S, Miyazawa M, Yamaue H : How do we predict the clinically relevant pancreatic fistula after pancreaticoduodenectomy? -An Analysis in 244 Consecutive Patients. *World J Surg* 33 : 2670-2678, 2009.
 50. Tani M, **Kawai M**, Hirono S, Ina S, Miyazawa M, Nishioka R, Shimizu A, Uchiyama K, Yamaue H : A pancreaticoduodenectomy is acceptable for periampullary tumors in the elderly, even in patients over 80 years of age. *J Hepatobiliary Pancreat Surg* 16 : 675-680, 2009.
 51. Hirono S, Tani M, **Kawai M**, Ina S, Nishioka R, Miyazawa M, Fujita Y, Uchiyama K, Yamaue H : Treatment strategy for intraductal papillary mucinous neoplasm of the pancreas based on malignant predictive factors. *Arch Surg* 144 : 345-349, 2009.
 52. Hirono S, Tani M, **Kawai M**, Ina S, Nishioka R, Miyazawa M, Shimizu A, Uchiyama K, Yamaue H : A central pancreatectomy for benign or low-grade malignant neoplasms. *J Gastrointest Surg*. 13 : 1659-1665, 2009.
 53. Uchiyama K, Ozawa S, Ueno M, Hayami S, Hirono S, Ina S, **Kawai M**, Tani M, Yamaue H : Xanthogranulomatous cholecystitis : The use of preoperative CT findings to differentiate it from gallbladder carcinoma. *J Hepatobiliary Pancreat Surg* 16 : 333-338, 2009.
 54. Uchiyama K, Ueno M, Ozawa S, Hayami S, **Kawai M**, Tani M, Mizumoto K, Haba M, Hatano Y, Yamaue H : Half clamping of the infrahepatic inferior vena cava reduces bleeding during a hepatectomy by decreasing the central venous pressure. *Langenbecks Arch Surg* 394 : 243-247, 2009.
 55. **Kawai M**, Tani M, Ina S, Hirono S, Nishioka R, Miyazawa M, Uchiyama K, Shimamoto T, Yamaue H : CLIP method(preoperative CT image-assessed ligation of inferior pancreaticoduodenal artery) reduces intraoperative bleeding during pancreaticoduodenectomy. *World J Surg* 32 : 82-87, 2008.
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- afterdistal pancreatectomy. *J Hepatobiliary Pancreat Surg* 15 : 366–372, 2008.
57. Tani M, **Kawai M**, Miyazawa M, Hirono S, Ina S, Nishioka R, Fujita Y, Uchiyama K, Yamaue H: Liver metastasis as an initial recurrence has no impact on the survival of patients with resectable pancreatic adenocarcinoma. *Langenbecks Arch Surg* 394 : 249-253, 2009.
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 59. Ina S, Tani M, **Kawai M**, Hirono S, Miyazawa M, Nishioka R, Fujita Y, Yamaue H : Phase II trial of oral S-1 combined with low-dose cisplatin for unresectable advanced pancreatic cancer. *Anticancer Res* 28 : 2373-2377, 2008.
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 61. Hirono S, Tani M, Terasawa H, **Kawai M**, Ina S, Uchiyama K, Nakamura Y, Kakudo K, Yamaue H : A Collision tumor composed of cancers of the bile duct and ampulla of Vater-Immunohistochemical analysis of a rare entity of double cancer?*Hepatogastroenterology* 55 : 861-864, 2008
 62. Tani M, **Kawai M**, Hirono S, Ina S, Miyazawa M, Fujita Y, Uchiyama K, Yamaue H : Pylorus-preserving pancreaticoduodenectomy versus conventional pancreaticoduodenectomy for pancreatic adenocarcinoma. *Surg Today* 39 : 219-224, 2008.
 63. Tani M, **Kawai M**, Yamaue H : Intraabdominal hemorrhage after a pancreatectomy. *J Hepatobiliary Pancreat Surg* 15 : 257-261, 2008. I.F.=2.994, C.I.=18
 64. Uchiyama K, **Kawai M**, Tani M, Terasawa H, Tanimura H, Yamaue H : Pathogenesis of hepatolithiasis based on the analysis of components of intrahepatic stones . *Hepatogastroenterology* 54 : 1798-1804, 2008.
 65. Tani M, **Kawai M**, Terasawa H, Ina S, Hirono S, Shimamoto T, Miyazawa M, Uchiyama K, Yamaue H : Prognostic factors for long-term survival in patients with locally invasive pancreatic cancer. *J Hepatobiliary Pancreat Surg* 14 : 545-550, 2007.
 66. Uchiyama K, Takifuji K, Tani M, Ueno M, **Kawai M**, Ozawa S, Yamaue H : Prevention of postoperative infections by administration of antimicrobial agents immediately before surgery for patients with gastrointestinal cancers . *Hepatogastroenterology* 54 : 1487-1493, 2007.
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72. Tani M, Terasawa H, **Kawai M**, Ina S, Hirono S, Uchiyama K, Yamaue H : Improvement of delayed gastric emptying in pylorus-preserving pancreaticoduodenectomy : results of a prospective, randomized, controlled trial. *Ann Surg* 243 : 316-320, 2006.
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76. Tani M, **Kawai M**, Terasawa H, Ueno M, Hama T, Hirono S, Ina S, Uchiyama K, Yamaue H : Complications with reconstruction procedures in pylorus-preserving pancreaticoduodenectomy. *World J Surg* 29 : 881-884, 2005.
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83. **Kawai M**, Iwashita Mi, Uchiyama K, Ochiai M, Tanimura H, Yamaue H. Gram-positive cocci are associated with the formation of completely pure cholesterol stones. *Am J Gastroenterol*, 97:83-88,2002.