

Curriculum Vitae

as of August 1, 2016

Sungsoo Park, M.D., Ph.D.

Professor, Division of Upper GI Surgery, Department of Surgery, Korea University College of Medicine

MIS & Robotic Surgery Center, Korea University Medical Center

Korea University Anam Hospital, Incheon-ro 73, Seongbuk-gu

Seoul 136-705, Korea

Education

Educational institution	Location	Years attended		Field of study	Degrees of diplomas	
		From	To			
Korea Univ. College of Medicine	Anam-dong Seoul	Seongbuk-gu	1990	1996	Medicine	Bachelor of Medicine
Graduate School of Korea Univ.	Anam-dong Seoul	Seongbuk-gu	1999	2001	Surgery	Master of Medicine
Graduate School of Korea Univ.	Anam-dong Seoul	Seongbuk-gu	2001	2005	Surgery	Ph.D.

Licenses and Certificates

February, 1996 Identification of Medical Doctor, Korea (Certificate No. 58247)

February, 2001 Qualification of Surgery, Korea (Certificate No. 4728)

June, 2006 Specialty from the Korean Society of Clinical Oncology

Memberships of Medical Associations

March, 2001 Korean Surgical Society

March, 2003 Korean Gastric Cancer Association

March, 2004 International Gastric Cancer Association

March, 2005 Korean Cancer Association

September, 2005 Korean Laparoscopic Gastrointestinal Surgery Study Group

March, 2006 Korean Society of Clinical Oncology

March, 2006 International Association of Surgeons, Gastroenterologists & Oncologists

March, 2006 Korean Society of Endoscopic & Laparoscopic Surgeons

March, 2010 KSMBS (Korean Society for Metabolic and Bariatric Surgery)

March, 2011 Korean Society for Metabolic and Bariatric Surgery

March, 2013 International Federation for the Surgery of Obesity and Metabolic Disorders

May, 2014 American Society for Metabolic and Bariatric Surgery

Committee Member of Medical Associations

- 2006 ~ 2008 Educational Committee, Korean Surgical Society
- 2007 ~ 2009 Planning Committee, Korean Society of Clinical Oncology
- 2007 ~ 2009 International Committee, Korean Gastric Cancer Association
- 2008 ~ 2010 Editorial Committee, Korean Society of Endoscopic & Laparoscopic Surgeons
- 2008 ~ 2010 Examination Committee, Korean Surgical Society
- 2009 ~ present Editorial Board, World Journal of Gastrointestinal Oncology
- 2009 ~ 2011 Scientific Committee, Korean Gastric Cancer Association
- 2009 ~ present Editorial Board, Journal of Gastric Cancer
- 2010 ~ 2012 Editorial Committee, The Korean Society of Surgical Metabolism and Nutrition
- 2010 ~ 2012 Educational Committee, Korean Surgical Society
- 2010 ~ 2012 Publication Committee, Korean Society of Clinical Oncology
- 2011 ~ 2012 General Secretary, Korean Gastric Cancer Association
- 2011 ~ present Board member, Korean Cancer Association
- 2011 ~ present Editorial Board, World Journal of Surgical Procedures
- 2011 ~ present Editorial Board, Journal of KSMBS (Korean Society for Metabolic and Bariatric Surgery)
- 2011 ~ present Editorial Board, Journal of Current Surgery
- 2012 ~ present Scientific Committee, Korean Gastric Cancer Association
- 2013 ~ present Board Member, KAROS (Korean Association of Robotic Surgeons)
- 2013 ~ 2014 Secretary General, IFSO-APC 2015 Seoul Congress
- 2013 ~ 2015 Secretary, KSMBS (Korean Society for Metabolic and Bariatric Surgery)
- 2016 ~ Chair, Scientific Committee, KSMBS (Korean Society for Metabolic and Bariatric Surgery)
- 2016 ~ President, KARS (Korean Anti-Reflux Surgery Study Group)

Positions Held

- March, 1997 ~ February, 2001 Resident, Dept. Surgery, Korea Univ. Guro Hospital
- April, 2001 ~ April, 2004 Chief, Dept. of Surgery, Armed Forces Seoul Hospital
- May, 2004 ~ August, 2005 Fellow, Dept. of Surgery, Upper GI Section, Korea Univ. Guro Hospital.
- September, 2005 ~ February, 2010 Assistant Professor, Dept. of Surgery, Korea University College of Medicine
- March, 2010 ~ February, 2014 Associate Professor, , Dept. of Surgery, Korea University College of Medicine
- March, 2015 ~ present Professor, , Dept. of Surgery, Korea University College of Medicine

Awards

Roche cancer research award, Korean Gastric Cancer Association, 2004
Best poster of the session prize, International Gastric Cancer Congress, 2005
Sanofi-Aventis academic award, Korean Gastric Cancer Association, 2006
Sanofi-Aventis academic award, Korean Gastric Cancer Association, 2008
Best poster award, International Gastric Cancer Congress, 2011
Covidien academic award, Korean Gastric Cancer Association, 2013

Publication List

A. Scientific papers (English literature only)

1. Lee CM, Park S, Park SH, Jung SW, Choe JW, Sul JY, Jang YJ, Mok YJ, Kim JH. Sentinel Node Mapping Using a Fluorescent Dye and Visible Light During Laparoscopic Gastrectomy for Early Gastric Cancer: Result of a Prospective Study From a Single Institute. *Ann Surg.* 2016 Apr 6. [Epub ahead of print]
2. Pahk K, Park S, Kim S, Choe JG. [(18) F]-Fluorodeoxyglucose positron emission tomography combined with computed tomography imaging with remission of type 2 diabetes after gastric bypass surgery. *J Diabetes.* 2016 Jan;8(1):162-4.
3. Kwon Y, Pahk K, Park S, Rosenthal RJ. Metabolic Surgery Could Restore Hepatic Glucose Metabolism: Results from F-18 Fluorodeoxyglucose Positron Emission Tomography. *Obes Surg.* 2016 Jan;26(1):156-7.
4. Kim SH, Keum B, Jeon YT, Chun HJ, Park S, Kim J. Efficacy of the magnetic marking clip method for preoperative localization of GI tumor. *Gastrointest Endosc.* 2016 Feb;83(2):468-9.
5. Cho JM, Kim HJ, Lo Menzo E, Park S, Szomstein S, Rosenthal RJ. Effect of sleeve gastrectomy on type 2 diabetes as an alternative treatment modality to Roux-en-Y gastric bypass: systemic review and meta-analysis. *Surg Obes Relat Dis.* 2015 Nov-Dec;11(6):1273-80.
6. Kim HI, Han SU, Yang HK, Kim YW, Lee HJ, Ryu KW, Park JM, An JY, Kim MC, Park S, Song KY, Oh SJ, Kong SH, Suh BJ, Yang DH, Ha TK, Kim YN, Hyung WJ. Multicenter Prospective Comparative Study of Robotic Versus Laparoscopic Gastrectomy for Gastric Adenocarcinoma. *Ann Surg.* 2016 Jan;263(1):103-9.
7. Kwon Y, Jung Kim H, Lo Menzo E, Park S, Szomstein S, Rosenthal RJ. A systematic review and meta-analysis of the effect of Billroth reconstruction on type 2 diabetes: A new perspective on old surgical methods. *Surg Obes Relat Dis.* 2015 Nov-Dec;11(6):1386-95.
8. Pak J, Kwon Y, Lo Menzo E, Park S, Szomstein S, Rosenthal RJ. Impact of gastrointestinal bypass on nonmorbidly obese type 2 diabetes mellitus patients after gastrectomy. *Surg Obes Relat Dis.* 2015 Nov-Dec;11(6):1266-72.
9. Hyun MH, Park JW, Shin DS, Cho JM, Yang KS, Park S. Minimizing operative time for robotic gastrectomy in cancer: analysis of the major factors for four detailed steps. *Hepatogastroenterology.* 2014 Nov-Dec;61(136):2260-5.
10. Park MJ1, Hyun MH, Yang JP, Yoon JM, Park S. Effects of the interleukin-1 β -511 C/T gene polymorphism on the risk of gastric cancer in the context of the relationship between race and *H. pylori* infection: a meta-analysis of 20,000 subjects. *Mol Biol Rep.* 2015 Jan;42(1):119-34.
11. Lee CM, Cho JM, Jang YJ, Park SS, Park SH, Kim SJ, Mok YJ, Kim CS, Kim JH.

Should Lymph Node Micrometastasis be Considered in Node Staging For Gastric Cancer? : The Significance of Lymph Node Micrometastasis in Gastric Cancer. *Ann Surg Oncol*. 2014 Sep 9. [Epub ahead of print]

12. Yang JP, Hyun MH, Yoon JM, Park MJ, Kim D, Park S. Association between TNF- α -308 G/A gene polymorphism and gastric cancer risk: A systematic review and meta-analysis. *Cytokine*. 2014 Dec;70(2):104-14.
13. Jung J, Jung Y, Bang EJ, Cho SI, Jang YJ, Kwak JM, Ryu do H, Park S, Hwang GS. Noninvasive Diagnosis and Evaluation of Curative Surgery for Gastric Cancer by Using NMR-based Metabolomic Profiling. *Ann Surg Oncol*. 2014 Dec;21 Suppl 4:736-42.
14. Kwon YJ, Park S. Current choices in robotic surgery: whether to increase use. *JAMA Surg*. 2014 Jul;149(7):627-8.
15. Kwon Y, Kim HJ, Lo Menzo E, Park S, Szomstein S, Rosenthal RJ. Anemia, iron and vitamin B12 deficiencies after sleeve gastrectomy compared to Roux-en-Y gastric bypass: a meta-analysis. *Surg Obes Relat Dis*. 2014 Jul-Aug;10(4):589-97.
16. Yoon J, Hyun MH, Yang JP, Park MJ, Park S. Ethnic differences in the association of the glutathione S-transferase T1 (GSTT1) null genotype and risk of gastric carcinoma: a systematic review and meta-analysis. *Mol Biol Rep*. 2014 Jun;41(6):3867-79.
17. Kwon Y, Abdemur A, Lo Menzo E, Park S, Szomstein S, Rosenthal RJ. The foregut theory as a possible mechanism of action for the remission of type 2 diabetes in low body mass index patients undergoing subtotal gastrectomy for gastric cancer. *Surg Obes Relat Dis*. 2014 Mar-Apr;10(2):235-42.
18. Han NY, Park BJ, Park SS, Sung DJ, Kim MJ, Cho SB, Lee KS. Modified fusion imaging combining CT gastrography and CT angiography: an initial experience of preoperative mapping prior to laparoscopic exogastric wedge resection of small (<3 cm) gastric submucosal lesions. *Abdom Imaging*. 2014 Apr;39(2):242-50.
19. Kim HJ, Park EY, Oh MJ, Park SS, Shin KH, Choi SH, Chun BG, Kim DH. Central administration of metformin into the third ventricle of C57BL/6 mice decreases meal size and number and activates hypothalamic S6 kinase. *Am J Physiol Regul Integr Comp Physiol*. 2013 Sep;305(5):R499-505.
20. Lee HJ, Jang YJ, Lee EJ, Kim JH, Park SS, Park SH, Kim CS, Mok YJ. The significance of mismatch repair genes in gastric cancer. *J Cancer Res Ther*. 2013 Jan-Mar;9(1):80-3.
21. Hyun MH, Lee CH, Kim HJ, Tong Y, Park SS. Systematic review and meta-analysis of robotic surgery compared with conventional laparoscopic and open resections for gastric carcinoma. *Brit J Surg*. 2013 Nov 100;1566-78.
22. Shin D, Park SS. Clinical importance and surgical decision-making regarding proximal resection margin for gastric cancer. *World J Gastrointest Oncol*. 2013 Jan 15;5(1):4-11.
23. Park HA, Park SH, Cho SI, Jang YJ, Kim JH, Park SS, Mok YJ, Kim CS. Impact of age and comorbidity on the short-term surgical outcome after laparoscopy-assisted distal gastrectomy for adenocarcinoma. *Am Surg*. 2013 Jan;79(1):40-8.
24. Jung WC, Jang YJ, Kim JH, Park SS, Park SH, Kim SJ, Mok YJ, Kim CS. Expression of intercellular adhesion molecule-1 and e-selectin in gastric cancer and their clinical significance. *J Gastric Cancer*. 2012 Sep;12(3):140-8.
25. Hyun MH, Lee CH, Kwon YJ, Cho SI, Jang YJ, Kim DH, Kim JH, Park SH, Mok YJ,

- Park SS. Robot versus laparoscopic gastrectomy for cancer by an experienced surgeon: comparisons of surgery, complications, and surgical stress. *Ann Surg Oncol*. 2013 Apr;20(4):1258-65.
26. Lee CH, Hyun MH, Kwon YJ, Cho SI, Park SS. Deciding laparoscopic approaches for wedge resection in gastric submucosal tumors: a suggestive flow chart using three major determinants. *J Am Coll Surg*. 2012 Dec;215(6):831-40.
 27. Li Z, Cao Y, Jie Z, Liu Y, Li Y, Li J, Zhu G, Liu Z, Tu Y, Peng G, Lee DW, Park SS. miR-495 and miR-551a inhibit the migration and invasion of human gastric cancer cells by directly interacting with PRL-3. *Cancer Lett*. 2012 Oct 1;323(1):41-7.
 28. Ryu WS, Kim JH, Jang YJ, Park SS, Um JW, Park SH, Kim SJ, Mok YJ, Kim CS. Expression of estrogen receptors in gastric cancer and their clinical significance. *J Surg Oncol*. 2012 Sep 15;106(4):456-61.
 29. Cho SI, Jang YJ, Kim JH, Park SS, Park SH, Kim SJ, Kim CS, Mok YJ. Aging over 70 Years Is Not a Decisively Dismal Prognostic Factor in Gastric Cancer Surgery. *J Gastric Cancer*. 2011 Dec;11(4):200-5.
 30. Lee HJ, Jang YJ, Kim JH, Park SS, Park SH, Park JJ, Kim SJ, Kim CS, Mok YJ. Clinical Outcomes of Gastrectomy after Incomplete EMR/ESD. *J Gastric Cancer*. 2011 Sep;11(3):162-6.
 31. Han KB, Jang YJ, Kim JH, Park SS, Park SH, Kim SJ, Mok YJ, Kim CS. Clinical significance of the pattern of lymph node metastasis depending on the location of gastric cancer. *J Gastric Cancer*. 2011 Jun;11(2):86-93.
 32. Baek SJ, Lee DW, Park SS, Kim SH. Current status of robot-assisted gastric surgery. *World J Gastrointest Oncol*. 2011 Oct 15;3(10):137-43.
 33. Park SS, Kim MC, Park MS, Hyung WJ. Rapid adaptation of robotic gastrectomy for gastric cancer by experienced laparoscopic surgeons. *Surg Endosc*. 2012 Jan;26(1):60-7.
 34. Jang YJ, Park MS, Park SS, Kim JH, An H, Park SH, Kim SJ, Kim CS, Mok YJ. Surgeon subspecialty as a factor in improving long-term outcomes for gastric cancer: Twenty years of experience in Korea. *Arch Surg*. 2010 Nov;145(11):1091-6.
 35. Jang YJ, Kim JH, Park SS, Park SH, Kim SJ, Kim CS, Mok YJ. Metastatic Lymph Node Targeted Chemosensitivity Test for Gastric Cancer. *J Surg Res*. 2011 Dec;171(2):657-62
 36. Ryu KJ, Jung SR, Choi JS, Jang YJ, Kim JH, Park SS, Park BJ, Park SH, Kim SJ, Mok YJ, Kim CS. Laparoscopic resection of small gastric submucosal tumors. *Surg Endosc*. 2011 Jan;25(1):271-7.
 37. Kim JH, Jang YJ, Park SS, Park SH, Mok YJ. Benefit of post-operative surveillance for recurrence after curative resection for gastric cancer. *J Gastrointest Surg*. 2010 Jun;14(6):969-76
 38. Kim JH, Park SS, Park SH, Kim SJ, Mok YJ, Kim CS, Lee JH, Kim YS. Clinical Significance of Immunohistochemically-Identified Lymphatic and/or Blood Vessel Tumor Invasion in Gastric Cancer. *J Surg Res*. 2010 Aug;162(2):177-83.
 39. Jang YJ, Park MS, Kim JH, Park SS, Park SH, Kim SJ, Kim CS, Mok YJ. Advanced gastric cancer in the middle one-third of the stomach: Should surgeons perform total gastrectomy? *J Surg Oncol*. 2010 May 1;101(6):451-6.

40. Kim JH, Jang YJ, Park SS, Park SH, Kim SJ, Mok YJ, Kim CS. Surgical outcomes and prognostic factors for T4 gastric cancers. *Asian J Surg.* 2009 Oct;32(4):198-204.
41. Park BJ, Kim MJ, Lee JH, Park SS, Sung DJ, Cho SB. Cystic Brunner's gland hamartoma in the duodenum: a case report. *World J Gastroenterol.* 2009 Oct 21;15(39):4980-3.
42. Park SH, Mok YJ, Kim JH, Park SS, Kim SJ, Kim CS. Clinical significance of gastric outlet obstruction on the oncologic and surgical outcomes of radical surgery for carcinoma of the distal stomach. *J Surg Oncol.* 2009 Sep 1;100(3):215-21.
43. Park SH, Kim JH, Park JM, Park SS, Kim SJ, Kim CS, Mok YJ. Value of nonpalliative resection as a therapeutic and pre-emptive operation for metastatic gastric cancer. *World J Surg.* 2009 Feb;33(2):303-11.
44. Kim JH, Boo YJ, Park JM, Park SS, Kim SJ, Kim CS, Mok YJ. Incidence and long-term outcome of young patients with gastric carcinoma according to sex: does hormonal status affect prognosis? *Arch Surg.* 2008 Nov;143(11):1062-7.
45. Kim WB, Han HJ, Lee HJ, Park SS, Song TJ, Kim HK, Suh SO, Kim YC, Choi SY. Expression and Clinical Significance of Cell Cycle Regulatory Proteins in Gallbladder and Extrahepatic Bile Duct Cancer. *Ann Surg Oncol.* 2009;16:23-34.
46. Seo UH, Lee HJ, Ryu WS, Kwak JM, Shin BK, Kim WB, Lee SI, Park SS, Choi JW, Kim SH, Choi SY, Mok YJ. Laparoscopic resection of a hepatocellular carcinoma arising from an ectopic liver. *Surg Laparosc Endosc Percutan Tech.* 2008 Oct;18(5):508-10.
47. Park JM, Jang YJ, Kim JH, Park SS, Park SH, Kim SJ, Mok YJ, Kim CS. Gastric Cancer histology: Clinicopathologic characteristics and prognostic value. *J Surg Oncol.* 2008 Sep 18;98(7):520-525.
48. Ryu WS, Kwak JM, Seo UH, Kim SH, Park SS, Kim CS, Lee CH, Mok YJ. Laparoscopic treatment of a huge cystic lymphangioma: partial aspiration technique with a spinal needle. *J Laparoendosc Adv Surg Tech A.* 2008 Aug;18(4):603-5.
49. Park JM, Kim JH, Park SS, Kim SJ, Mok YJ, Kim CS. Prognostic factors and availability of D2 lymph node dissection for the patients with stage II gastric cancer: comparative analysis of subgroups in stage II. *World J Surg.* 2008 Jun;32(6):1037-44.
50. Kim JH, Park JM, Jung CW, Park SS, Kim SJ, Mok YJ, Kim CS, Chae YS, Bae JW. The significances of lymph node micrometastasis and its correlation with E-cadherin expression in pT1-T3N0 gastric adenocarcinoma. *J Surg Oncol.* 2008 Feb 1;97(2):125-30.
51. Kwak JM, Min BW, Lee JH, Choi JS, Lee SI, Park SS, Kim J, Um JW, Kim SH, Moon HY. The prognostic significance of E-cadherin and liver intestine-cadherin expression in colorectal cancer. *Dis Colon Rectum.* 2007 Nov;50(11):1873-80.
52. Park SS, Ryu JS, Oh SY, Kim WB, Lee JH, Chae YS, Kim SJ, Kim CS, Mok YJ. Surgical outcomes and immunohistochemical features for gastrointestinal stromal tumors (GISTS) of the stomach: with special reference to prognostic factors. *Hepatogastroenterology.* 2007 Jul-Aug;54(77):1454-7.
53. Kim JH, Boo YJ, Jung CW, Park SS, Kim SJ, Mok YJ, Kim SD, Chae YS, Kim CS. Multiple malignant extragastrintestinal stromal tumors of the greater omentum and

- results of immunohistochemistry and mutation analysis: a case report. *World J Gastroenterol*. 2007 Jun 28;13(24):3392-5.
54. Park JM, Park SS, Mok YJ, Kim CS. pN3M0 gastric cancer: the category that allows the sub-classification of stage-IV gastric cancer (IVa and IVb). *Ann Surg Oncol*. 2007 Sep;14(9):2535-42.
 55. Choi SB, Park SS, Oh SY, Kim JH, Kim WB, Lee JH, Choi JW, Kim SJ, Kim CS, Mok YJ. Primary squamous cell carcinoma of the stomach that developed with Menetrier's disease. *Dig Dis Sci*. 2007 Jul;52(7):1722-4.
 56. Boo YJ, Park SS, Kim JH, Mok YJ, Kim SJ, Kim CS. Gastric neuroendocrine carcinoma: clinicopathologic review and immunohistochemical study of E-cadherin and Ki-67 as prognostic markers. *J Surg Oncol*. 2007 Feb 1;95(2):110-7.
 57. Park SS, Kang SH, Park JM, Kim JH, Oh SC, Lee JH, Chae YS, Kim SJ, Kim CS, Mok YJ. Expression of liver-intestine cadherin and its correlation with lymph node metastasis in gastric cancer: can it predict N stage preoperatively? *Ann Surg Oncol*. 2007 Jan;14(1):94-9.
 58. Kim JH, Park SS, Kim J, Boo YJ, Kim SJ, Mok YJ, Kim CS. Surgical outcomes for gastric cancer in the upper third of the stomach. *World J Surg*. 2006 Oct;30(10):1870-6.
 59. Park SS, Ryu WS, Kwak JM, Lee SI, Kim WB, Mok YJ, Choi JW, Park JJ, Bak YT. Gastric fundus impression caused by a hepatic cyst mimicking gastric submucosal tumor. *South Med J*. 2006 Aug;99(8):902-3.
 60. Park SS, Park JM, Kim JH, Kim WB, Lee J, Kim SJ, Kim CS, Mok YJ. Prognostic factors for patients with node-negative gastric cancer: Can extended lymph node dissection have a survival benefit? *J Surg Oncol*. 2006 Jul 1;94(1):16-20.
 61. Park SS, Min BW, Kim WB, Choi JW, Lee JH, Chae YS, Um JW, Mok YJ, Moon HY. Malignant extragastrointestinal stromal tumor of retroperitoneum. *Acta Oncol*. 2005;44(5):497-9.
 62. Park SS, Min BW, Kim WB, Han HJ, Yong HS, Kim SJ, Kim CS, Mok YJ. Double cancer of the stomach and oesophagus with situs ambiguus with polysplenia: the importance of preoperative evaluation. *Dig Liver Dis*. 2005 Oct;37(10):799-802.
 63. Park SS, Ryu JS, Min BW, Kim WB, Kim SJ, Kim CS, Mok YJ. Impact of skip metastasis in gastric cancer. *ANZ J Surg*. 2005 Aug;75(8):645-9.
 64. Park SS, Kim CS, Mok YJ, Kim SJ, Kim HI. Gastric cancer confined to the muscularis propria: a possible candidate for laparoscopic surgery or adjuvant therapy. *Scand J Gastroenterol*. 2005 Apr;40(4):450-4.
 65. Kim SH, Min BW, Kim WB, Park SS, Um JW, Lee JB, Mok YJ, Choi SY, Moon HY, Koo BH, Lee JH, Kim IS. Mesenteric Castleman's disease. *Yonsei Med J*. 2005 Apr 30;46(2):289-91.

B. Books

1. Book Chapter. Nader Francis. Training in minimal access surgery. 2016. Springer
2. Book Chapter. Kitano S and Yang HK. 2012. Laparoscopic Gastrectomy for Cancer: Standard Techniques and Clinical Evidences. Springer.

3. Book Chapter. The Korean Academy of Clinical Geriatrics. 2011. Principles of Geriatric Medicine. Hankook.
4. Book Chapter. The Korean Gastric Cancer Association. 2011. Gastric Cancer and Gastrointestinal Diseases. Ilchokak.