

CURRICULUM VITAE

Seon-Hahn KIM, MD, Ph D.

CURRENT POSITION

Professor and Chairman, Department of Surgery
Korea University Hospital
Korea University College of Medicine
Seoul, Korea
(Feb 2014~present)

HOSPITAL/ACADEMIC CARRIER

Research Fellow	Department of Colorectal Surgery, The Cleveland Clinic Foundation. Cleveland, Ohio, July 1995 to June 1997
Associate Professor	Department of Surgery, Korea University College of Medicine Seoul, Korea, March 1998 to December 2000
Head	Laparoscopic Colon Surgery Unit, Hansol Hospital Seoul, Korea, January 2001 to February 2005
Professor & Director	Department of Surgery, DongGuk University Hospital Goyang, Korea, April 2005 to August 2006
Professor & Chief	Colorectal Division, Department of Surgery, Korea University Hosp. Seoul, Korea, September 2006 to January 2014

INTERNATIONAL PROFESSORSHIP

Visiting Professor of Surgery ((Dec 2014~Dec 2017)
School of Medicine, University of Western Sydney, NSW, Australia

Yeoh Ghim Seng Professor of Surgery & Senior Consultant (2008~2014)
Division of Colorectal Surgery, National University Hospital, Singapore

2011 Dr. Anthony Yim Visiting Professor in Minimally Invasive Surgery and Innovative Technology
Department of Surgery, Prince of Wales Hospital, The Chinese University of Hong Kong

Honorary Visiting Professor of Surgery (Dec 10-18, 2011)
Royal Brisbane & Women's Hospital, Brisbane, Queensland, Australia

Guest Professor of Surgery (April 6, 2012~March 31, 2013)
Kumamoto University, Japan

Visiting Professor of Department Surgery (Feb 22, 2012~)
National Cheng Kung University Hospital, Tainan, Taiwan

Visiting Professor, Honorary Academic (Feb 2013~Jan 2014)
Macquarie University, Sydney, NSW, Australia

INTERNATIONAL HONORARY FELLOWSHIP

Visiting Academician, Academy of Medicine, Singapore, Oct 2013-Oct 2015
Honorary Fellowship, Hong Kong Society of Minimal Access Surgery, January 2013
Honorary Fellow, The Association of Minimal Access Surgeons of India (AMASI), May 2011

ACTIVITY IN MEDICAL SOCIETY

Chairman, Korean Society of Endoscopic & Laparoscopic Surgery (KSELS), 14-16
President, Korean Association of Robotic Surgeons (KAROS), 13-15
Scientific Committee Chair, Korean Society of Endoscopic & Laparoscopic Surgery (KSELS), 12-14
Chairman, Korean Laparoscopic Colorectal Surgery Study Group, 09-13
Founding Member-at-Large, Int'l Society of Laparoscopic Colorectal Surgery (ISLCRS), 08-10
Member, American Society of Colon and Rectal Surgeons (ASCRS), 96-present
Member, Society of American Gastrointestinal Endoscopic Surgeons (SAGES), 00-present
Member, European Society of Coloproctology (ESCP), 02-present
Founding Member, Clinical Robotic Surgery Association (CRSA), 09
Charter Member, Society of Robotic Surgery (SRS), 10

RECENT PUBLICATION (*corresponding)

1. Bonjer HJ, Deijen CL, Abis GA, Cuesta MA, van der Pas MH, de Lange-de Klerk ES, Lacy AM, Bemelman WA, Andersson J, Angenete E, Rosenberg J, Fuerst A, Haglund E; **COLOR II Study Group**. A randomized trial of laparoscopic versus open surgery for rectal cancer. *N Engl J Med*. 2015 Apr 2;372(14):1324-32.
2. Kim SY, Kwak HD, **Kim SH***. Emerging role of the robot in rectal cancer surgery. [Perspectives] *ANZ J Surg*. 2015 Apr;85(4):205-6
3. Park SY, Chi GS, Kim HJ, Sakai Y, Hasegawa S, Watanabe T, **Kim SH**. Distinctive oncological features of stage IIIA colorectal cancer: analysis of prognostic factors for selective adjuvant chemotherapy. *J Surg Oncol*. 2015. Online publication first
4. Yoo BE, Lee DW, Lee SW, Kwak JM, Kim J, **Kim SH***. Transanal gauze packing to manage massive presacral bleeding secondary to presacral abscess caused by rectal anastomotic leakage: a novel approach. [Technical Advance] *Ann Surg Treat Res*. 2015 April;88(4):236-239
5. Yoo BE, Kwak JM, **Kim SH***. Robotic versus laparoscopic intersphincteric resection for low rectal cancer: comparison of the operative, oncological, and functional outcomes. *Ann Surg Oncol*. 2015;22(4):1219-25
6. Miskovic D, Foster J, Agha A, Delaney CP, Francis N, Hasegawa H, Karachun A, **Kim SH**, Law WL, Marks J, Morino M, Panis Y, Uriburu JC, Wexner SD, Parvaiz A. Standardization of laparoscopic total mesorectal excision for rectal cancer: a structured international expert consensus. *Ann Surg*. 2015 Apr;261(4):716-22
7. Yoo BE, Kim J, Cho JS, Shin JW, Lee DW, Kwak JM, **Kim SH**. Impact of laparoscopic experience on virtual robotic simulator dexterity. *J Minim Access Surg*. 2015 Jan-Mar;11(1):68-71.
8. Chow CF, **Kim SH**. Laparoscopic complete mesocolic excision: West meets East. *World J Gastroenterol*. 2014 Oct;20(39):14301-14307.
9. Ji WB, Kwak JM, Kim J, **Kim SH**. Actinomycosis of the rectum mimicking a malignant neoplasm. [letter to the editor]. *ANS J Surg*. 2014;84(6):497
10. Shin JW, Amar AH, **Kim SH***, Kwak JM, Baek SJ, Cho JS, Kim J. Complete mesocolic excision with D3 lymph node dissection in laparoscopic colectomy for stages II and III colon cancer: long-term oncologic outcomes in 168 patients. *Tech Coloproctol*. 2014 Sep;18(9):795-803.

11. Hara M, Sng K, Yoo BE, Shin JW, Lee DW, **Kim SH***. Robotic-assisted surgery for rectal adenocarcinoma: short- and mid-term outcomes from 200 consecutive cases at a single institution. *Dis Colon Rectum*. 2014 May;57(5):570-7
12. Sondenaa K, Quirke P, Hohenberger W, Sugihara K, Kobayashi H, Kessler H, Brown G, Tudyka V, D'Hoore A, Kennedy RH, West NP, **Kim SH**, Heald R, Storli KE, Nesbakken A, Moran B. The rationale behind complete mesocolic excision (CME) and a central vascular ligation for colon cancer in open and laparoscopic surgery: proceedings of a consensus conference. *Int J Colorectal Dis*. 2014 April;29(4):419-28
13. Lee NK, Kim CY, Park YJ, Yang DS, Yoon WS, **Kim SH**, Kim J. Clinical implication of negative conversion of predicted circumferential resection margin status after preoperative chemoradiotherapy for locally advanced rectal cancer. *Eur J Radiol*. 2014 Feb;83(2):245-9
14. Baek SJ, **Kim SH***. Robotics in general surgery: an evidence-based review. *Asian J Endosc Surg*. 2014;7:117-123
15. Baek SJ, **Kim SH***, Lee CK, Roh KH, Keum BR, Kim CH, Kim J. The relationship between the severity of diversion colitis and the composition of colonic bacteria: a prospective study. *Gut Liver*. 2014 Mar;8(2):170-6
16. Shin JW, Kim J, Kwak JM, Hara M, Cheon J, Kang SH, Kang SG, Stevenson ARL, Coughlin G, **Kim SH***. First report: robotic pelvic exenteration for locally advanced rectal cancer. *Colorectal Dis*. 2014 Jan;16(1):O9-14.
17. Cho JS, Hahn KY, Kwak JM, Kim J, Baek SJ, Choi JS, **Kim SH***. Virtual reality training improves da Vinci ® performance: a prospective trial. *J Laparoendosc Advanced Surg Tech A*. 2013;23(12):992-8.
18. Lee DW, **Kim SH***. Mesenteric embolization: is it safe in patients with acute lower gastrointestinal hemorrhage? [editorial]. *Ann Coloproctol*. 2013 Oct;29(5):181.
19. Yoo BE, Sakamoto Y, Shin JW, Lee DW, Kwak JM, Kim J, **Kim SH***. Reversible colonic mucosal ischemia in the proximal anastomotic segment after low anterior resection: Lessons learned from a case. *ANZ J Surg* 2013;83(9):695-6.
20. Sng KK, Hara M, Shin JW, Yoo BE, Yang KS, **Kim SH***. The multiphasic learning curve for robot-assisted rectal surgery. *Surg Endosc*. 2013;27(9):3297-307.
21. Baek SJ, Kim J, Kwak JM, **Kim SH**. Can trans-anal reinforcing sutures after double stapling in lower anterior resection reduce the need for a temporary diverting ostomy? *World J Gastroenterol*. 2013;19(32):5309-13.
22. Baek SJ, **Kim SH***, Kwak JM, Kim J. Incidence and risk factors of chylous ascites after colorectal cancer surgery. *Am J Surg*. 2013;206(4):555-9.
23. Mathew R, **Kim SH***. Robotic intersphincteric resection and coloanal anastomosis: technical detail. *Open Access Robotic Surgery* 2013 Apr 16;1(1):2
24. Baek SJ, **Kim SH***, Kim SY, et al. The safety of a "fast-track" program after laparoscopic colorectal surgery is comparable in older patients as in younger patients. *Surg Endosc*. 2013; 27(4):1225-1232.
25. van der Pas MH, Haglind E, Cuesta MA, Fürst A, Lacy AM, Hop WC, Bonjer HJ; **Colorectal cancer Laparoscopic or Open Resection II (COLOR II) Study Group**. Laparoscopic versus open surgery for rectal cancer (COLOR II): short-term outcomes of a randomised, phase 3 trial. *Lancet Oncol*. 2013;14(3):210-8.
26. Park JS, Choi GS, **Kim SH**, et al. Multicenter analysis of risk factors for anastomotic leakage after laparoscopic rectal cancer excision: The Korean Laparoscopic Colorectal Surgery Study Group. *Ann Surg*. 2013;257(4):665-671.
27. **Kim SH***. Kwak JM. Robotic total mesorectal excision : operative technique and review of the literature. *Tech Coloproctol* 2013 Feb;17 Suppl 1:S47-53.
28. Son DN, Choi DJ, Woo SU, Kim J, Keom BR, Kim CH, Baek SJ, **Kim SH***. Relationship between diversion colitis and quality of life in rectal cancer. *World J Gastroenterol*. 2013 Jan

- 28;19(4):542-9.
29. Baek SJ, **Kim SH***, Kwak JM, et al. Selective use of preoperative chemoradiotherapy for T3 rectal cancer can be justified: an analysis of local recurrence. *World J Surg* 2013;37(1):220-6.
 30. Baek SJ, **Kim SH***, Cho JS, Shin JW, Kim J. Robotic versus conventional laparoscopic surgery for rectal cancer: a cost analysis from a single institute in Korea. *World J Surg* 2012;36(11):2722-9.
 31. Hahn KY, **Kim SH***, Joh YG, Baek SJ. Laparoscopic resection of transverse colon cancer: long term oncologic outcomes in 58 patients. *J Laparoendosc Advanced Surg Tech A*. 2012;22(6):561-6
 32. Baek SJ, **Kim SH***, Kwak JM, Cho JS, Shin JW, Amar AH, Kim J. Indeterminate pulmonary nodules in rectal cancer: A recommendation for follow-up guidelines. *J Surg Oncol*. 2012;106(4):481-5.
 33. Kang SG, Ko YH, Jang HA, Kim J, **Kim SH**, Cheon J, Kang SH. Initial experience of robot-assisted radical cystectomy with total intracorporeal urinary diversion: comparison with extracorporeal method. *J Laparoendosc Adv Surg Tech A*. 2012 ;22(5):456-62.
 34. Leong QM, Son DN, Cho JS, Amar AH, **Kim SH***. Robot-assisted low anterior resection for situs inversus totalis: a novel technical approach for an uncommon condition. *Surg Laparosc Endosc Percutan Tech* 2012;22(2):e87-90
 35. Amar AHY, **Kim SH***, Cho JS, Kang SH. Urethro-anastomotic fistula caused by manual digital dilatation of low rectal anastomotic stricture successfully managed by prostatectomy: a case report. *Colorectal Dis* 2011;13(12):e418-9.
 36. Leong QM, Son DN, Baek SJ, Cho JS, Amar A, Kwak JM, **Kim SH***. Edematous and painful external hemorrhoids following intersphincteric resection for low rectal cancer: a common yet unreported complication. *J Korean Surg Soc* 2011;81:S39-42
 37. Leong QM, **Kim SH***. Robot assisted rectal surgery for malignancy: A review of the current literature. *Ann Acad Med Singapore* 2011; 40(10):460-7
 38. **Kim SH***, Kwak JM. Can single incision laparoscopic surgery be considered primarily for patients with complicated appendicitis? [Editorial] *J Korean Soc Coloproctol* 2010;26(6):373-4
 39. Leong QM, Son DN, Cho JS, Baek SJ, Amar A, Kwak JM, **Kim SH***. Robot-assisted intersphincteric resection for low rectal cancer: technique and short term outcome in 29 consecutive patients. *Surg Endosc*. 2011 25(9):2987-92
 40. Lee JE, Joh YG, Yoo SH, Jeong GY, Kim SH, Chung CS, Lee DG, **Kim SH**. Long-term outcomes of laparoscopic surgery for colorectal cancer. *J Korean Soc Coloproctol* 2011;27(2):64-70.
 41. Kwak JM, Kim J, **Kim SH***. Robotic vs. Laparoscopic resection of rectal cancer: short-term outcomes of a case control study. *Dis Colon Rectum* 2011;54(2):151-6
 42. Koh D, Tsang C, **Kim SH**. A new application of the 4-arm Standard da Vinci® surgical system: totally robotic assisted left sided colon or rectal resection. *Surg Endosc* 2011;25(6):1945-52
 43. Kwak JM, **Kim SH***. Current status of robotic colorectal surgery [invited review article]. *J Robotic Surg* 2011;5(1):65-72
 44. Kwak JM, **Kim SH***. The technique of single-stage totally robotic low anterior resection. *J Robotic Surg* 2011;5:25-28
 45. Kwak JM, **Kim SH***, Son DN, Kim J, Lee SI, Min BW, Um JW, Moon HY. The role of laparoscopic approach for anastomotic leakage after minimally invasive surgery for colorectal cancer. *J Laparoendosc Adv Surg Tech A*. 2011;21(1):29-33
 46. Park JM, Suh SW, Kwak JM, Kim J, **Kim SH**. Three-port Laparoscopy-assisted Colectomy for colorectal cancer using external traction with suspension suture. *Surg Laparosc Endosc Percutan Tech* 2011;21:e249-e252
 47. Karas JR, Uranues S, Altomare DF, Sokmen S, Krivokapic Z, Hoch J, Bartha I, Bergamaschi R; Rectal Prolapse Recurrence Study Group (**39 collaborators**). No rectopexy versus rectopexy following rectal mobilization for full-thickness rectal prolapse: a randomized controlled trial. *Dis*

RECENT LIVE SURGERY DEMONSTRATION (Robotic/Laparoscopic)

1. **Laparoscopic** left hemicolectomy and **Laparoscopic** Hartmann resection. MIS Seminar at Zabuthiri Hospital at Nay Pyi Taw, Myanmar. March 28-29, 2015.
2. **Robotic** ultralow anterior resection (AV 5cm). Live broadcasting surgery at Prince of Wales Hospital, Chinese University of Hong Kong to International Minimally Invasive Surgery Conference at HK Convention and Exhibition Centre. March 19-21, 2015. Hong Kong, China
3. **Robotic** ultralow anterior resection. Live broadcasting surgery to Asian Robotic Camp for Colorectal Surgeons (ARCCS). Kyungbuk National University. Oct 20-Nov 1, 2014. Daegu, Korea
4. **Robotic** intersphincteric resection for very low rectal cancer. Online broadcast thru Clinical Virtual University of Clinical Robotic Surgery Association (CRSA). July 8, 2014
5. **Robotic** anterior resection. Karolinska Institute. Stockholm, Sweden. 5 May, 2014.
6. **Robotic** low anterior resection. Hospital Da Luz at Lisbon International Clinical Congress (Congress Theme: Leaping Forward). 13-19 Feb, 2014. Lisbon, Portugal.
7. **Robotic** low anterior resection. Chiang Mai University Hospital at Regional Conference of the Royal College of Surgeons Thailand. Feb 5-6, 2014. Chiang Mai, Thailand.
8. **Robotic** low anterior resection. Nagoya Tokushukai General Hospital. Jan 10, 2014. Nagoya. Japan.
9. **Robotic** low anterior resection. At Bangkok International Hospital in Phuket. Postgraduate Course of The Asia Pacific Federation Congress 2013. International College of Surgeon. December 8, 2013. Phuket, Thailand.
10. **Robotic** left hemicolectomy. November 30, 2013. Bangkok International Hospital in Phuket, Thailand.
11. **Laparoscopic** low anterior resection (AV 8cm, male).September 20, 2013. Rajavithi Hospital. Bangkok, Thailand.
12. **Robotic** low anterior resection (AV 6cm, male, BWt 108 Kg/BMI 33, cT3N2M0, preop chemoradiotherapy). June 18, 2013. University Hospital of Linkoping, Sweden
13. **Robotic** LAR for rectal cancer (AV 7cm, Female, cT2N0M0). 8th International Symposium and Workshop: Advanced Course in Colorectal Cancer Surgery. June 3-4 2013. Erlangen University, Germany.
14. **Robotic** ultra-low anterior resection for rectal cancer (AV 4cm, female, preop CxRT). At Macquarie University Hospital. Sydney, Australia. Feb 9, 2013
15. **Robotic** low anterior resection for rectal cancer (AV 6cm, male, preop CxRT). At Pamela Youde Nethersole Eastern Hospital. International Colorectal Disease Symposium (ICDS 2013). Hong Kong, Jan 24-25, 2013.
16. **Robotic** low anterior resection for rectal cancer at Queen Mary Hospital, University of Hong Kong. 7th International Congress of Laparoscopic Colorectal Surgery (ICLCRS). November 2-4, 2012. University of Hong Kong, Hong Kong.
17. **Robotic** low anterior resection at Cabrini Hospital. Robotics Workshop in 2012 Colorectal Spring Meeting. Colorectal Surgical Society of Australia and New Zealand (CSSANZ). October 19, 2012. Melbourne, Australia.
18. **Robotic** low anterior resection in a male ypT3 rectal cancer at AV 10cm. Live broadcasting at Frimley Park Hospital to University of Portsmouth lecture theater. The 2nd International Laparoscopic TME Symposium. March 14, 2012. Portsmouth, UK.
19. **Laparoscopic** low anterior resection for T3 low rectal cancer (male at AV 5cm, preop radiation). International Rectal Cancer Update 2012. Chennai Cancer Institute (WIA). Chennai, India. Feb 3-5, 2012

20. **Laparoscopic** low anterior resection for T3 middle rectal cancer (female at AV 7cm). 34th Annual Conference of Maharashtra State Chapter of ASI (The Association of Surgeons of India). Hosted by Poona Surgical Society. Pune, India. Jan 26-29, 2012.
21. **Robotic** low anterior resection for cT3 low rectal cancer (preop. chemoradiation). At the Symposium "New Frontiers in Colorectal Cancer Treatment: From Laboratory Bench to Robotic Console". Siriraj Hospital, Bangkok, Thailand. Jan 16-18, 2012.
22. **Laparoscopic** low anterior resection for low rectal cancer in a male (AV 5cm). Advanced Laparoscopic Workshop. No (2) Defence Services General Hospital (DSGH 2/1000). Nay Pyi Taw, Myanmar. Jan 13-15, 2012.