




**KAROS**  
THE KOREAN ASSOCIATION OF  
ROBOTIC SURGEONS

## Curriculum Vitae

**\*영문으로 작성 부탁드립니다.**

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	<b>Country</b>	Koera
	<b>Affiliation</b>	Department of Surgery, School of Medicine, Keimyung University Dongsan Hospital
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### **Educational Background**

- 1998-2004: Yeung Nam University College of Medicine (M.D.)
- 2007-2009: Graduate school of Eulji University College of Medicine (M.S.)
- 2013-2020: Graduate school of Yonsei University (Ph.D.)

### **Professional Career**

- 2005-2008: General Surgery Residency, Eulji university hospital (Board of Surgery)
- 2009-2011: Military Service as a KOICA International Cooperation doctor in Cambodia
- 2012-2014: Colorectal Surgical fellowship, Severance hospital, Yonsei University, Seoul, Korea
- 2014-2016 : Clinical Assistant Professor, Department of Colorectal Surgery, Keimyung University Dongsan Medical Center, Daegu, Korea
- 2017-2021: Assistant Professor, Department of Colorectal Surgery, Keimyung University Dongsan Medical Center, Daegu, Korea
- 2023-2024 : Clinical observership at St. Mark's Hospital
- 2021-present: Associate Professor, Department of Colorectal Surgery, Keimyung University Dongsan Medical Center, Daegu, Korea

### **Research Field**

- Robotic surgery
- Laparoscopic surgery using ArtiSential
- Predicting response of chemoradiotherapy for rectal cancer
- Radio-immune-oncology in advanced rectal cancer
- Microbiome and colorectal cancer
- Surgical nutrition



## Papers, Books, etc. presented or published by your name

(topic title, year, conference name or presenting books)

- Lee YM, Kim KE, Bae SU, Baek SK, Jeong WK. Safety and patient's satisfaction of preoperative carbohydrate drink until 2 hours before colorectal cancer surgery: a single-center, prospective randomized controlled trial. *Ann Coloproctol.* 2025 Dec;41(6):519-527.
- Lee SY, Kim CH, Ha GW, Park SY, Yang IJ, Kim JS, Son GM, Kang SI, Bae SU; Korean ColoRectal surgeOn Study group of the Southern province (K-CROSS). Efficacy of preoperative immunonutrition in malnourished patients undergoing colorectal cancer surgery: a study protocol for a multicenter randomized clinical trial. *Trials.* 2025 Sep 29;26(1):377.
- Shin D, Son NH, Jeong WK, Baek SK, Bae SU. Preoperative Strength, Assistance in Walking, Rising From a Chair, Climbing Stairs, and Falls (SARC-F) Score Predicts Adjuvant Chemotherapy Discontinuation in Patients With Colorectal Cancer. *J Surg Oncol.* 2025 Dec;132(7):1235-1242.
- Bae SU. Racing toward the future of robot-assisted rectal cancer surgery: a comparative study of hinotori and da Vinci. *Ann Coloproctol.* 2025 Aug;41(4):259-261.
- Kim KE, Bae SU, Lee SH, Lim DR, Ha HK, Kim J, Ryu HS, Park SY, Kang SI, Son GM, Lee SY, Kim CH, Lee KH, Ha GW, Kim HJ, Ji WB, Kim WR, Kang SH, Sung NS, Kim JH, Lee TG, Kim MJ, Jeong WK, Baek SK. The articulated laparoscopic total mesorectal excision for rectal cancer (ATOME trial): a single-arm, prospective trial with pre-specified comparison to robotic surgery. *Trials.* 2025 Jul 28;26(1):260.
- Bae SU. Elevating surgical standards: The role of intraperitoneal isoperistaltic side-to-side anastomosis in colon cancer surgery. *World J Gastrointest Oncol.* 2025 Jun 15;17(6):106645.
- Kim KE, Jeong WK, Baek SK, Bae SU. Robot-Assisted Colectomy for Left-Sided Colon Cancer: Comparison of da Vinci SP and Single-Site Platforms. *Int J Med Robot.* 2025 Jun;21(3):e70079.
- Kim M, Kim H, Kim K, Cho J, Jeong W, Baek S, Lee J, Bae S. Effect of Preoperative Inflammatory Diet on Clinical and Oncologic Outcomes Following Colorectal Cancer Surgery. *Nutrients.* 2025 Apr 30;17(9):1522.
- Bae SU, Kim KE, Kim CW, Kim JH, Jeong WK, Lee YS, Baek SK, Lee SH, Kim JG. Impact of single-port laparoscopic approach on scar assessment by patients and observers: a multicenter retrospective study. *Ann Coloproctol.* 2025 Apr;41(2):154-161.
- Bae SU. Central vascular ligation and complete mesocolon excision vs D3 lymphadenectomy: Standardization of surgical technique. *World J Gastrointest Surg.* 2025 Apr 27;17(4):103704.
- Han YD, Bae SU, Kim WR, Lim DR, Kim CW. The COVID-19 pandemic and clinical characteristics of colorectal cancer: a multicenter retrospective study. *Sci Rep.* 2025 Mar 14;15(1):8903.
- ae SU, Lee HW, Park JY, Seo I, Cho JM, Kim JY, Lee JY, Lee YJ, Baek SK, Kim NK, Byun SJ, Kim S. Neoadjuvant chemoradiotherapy up-regulates PD-L1 in radioresistant colorectal cancer. *Clin Transl Radiat Oncol.* 2024 Dec 22;51:100906.
- Choi HD, Bae SU. Effect of continuous wound infiltration on patients using intravenous patient-controlled analgesia for pain management after reduced-port laparoscopic colorectal surgery. *Ann Coloproctol.* 2024 Dec;40(6):564-572.
- Bae SU, Lee JL, Yang CS, Park EJ, Park SY, Kim CW, Ji WB, Son GM, Han YD, Kim SH, Kim MS, Park YY, Lee KH, Kim CH, Ha GW, Lee J, Kim KE, Jeong WK, Kim DW, Baek SK. Survival benefit of adjuvant chemotherapy in high-risk patients with colon cancer regardless of microsatellite instability. *Eur J Surg Oncol.* 2025 Jun;51(6):109674.
- Kim YJ, Bae SU, Kim KE, Jeong WK, Baek SK. Effects of the Strength, Assistance in walking, Rise from a chair, Climb stairs, and Falls score on postoperative clinical outcomes following colorectal cancer surgery: a retrospective study. *Eur J Clin Nutr.* 2024 Oct 24.
- Lee JE, Kim KE, Jeong WK, Baek SK, Bae SU. Effect of postoperative complications on 5-year survival following laparoscopic surgery for resectable colorectal cancer: a retrospective study. *Int J Colorectal Dis.* 2024 Nov 7;39(1):179.
- Bae SU. Wristed articulated instrumentation for single-incision plus one-port laparoscopic surgery for obstructed sigmoid colon cancer- A video vignette. *Colorectal Dis.* 2024 Sep;26(9):1782-1783.
- Kim KE, Lee HW, Bae SU. Rectal metastasis arising from breast cancer: a case report. *Korean J Clin Oncol.* 2024 May;20(1):41-45.
- Yoo N, Mun JY, Kye BH, Kim CW, Lee JI, Park YY, Kang BM, Park BK, Kwak HD, Kang WK, Bae SU, Oh HK, Hong Y, Kim HJ. Plastic Wound Protector vs Surgical Gauze for Surgical Site Infection Reduction in Open GI Surgery: A Randomized Clinical Trial. *JAMA Surg.* 2024 Jul 1;159(7):737-746.
- Bae SU, Jeong WK, Baek SK. Robotic Anterior Resection for Rectosigmoid Colon Cancer Using Single-Port Access. *Dis Colon Rectum.* 2024 Jan 1;67(1):e1.
- Kim KE, Jeon YR, Bae SU, Jeong WK, Baek SK. Comparison between liquid skin adhesive and wound closure strip for skin closure after subcuticular suturing in single-port laparoscopic appendectomy: a single-center retrospective study in Korea. *J Minim Invasive Surg.* 2024 Mar 15;27(1):14-22.
- Bae SU. Prognostic impact of preoperative nutritional and immune inflammatory parameters on liver cancer. *World J Gastrointest Surg.* 2024 Feb 27;16(2):266-269.
- Seo YJ, Kim KE, Jeong WK, Baek SK, Bae SU. Effect of preoperative pan-immune-inflammation value on clinical and oncologic outcomes after colorectal cancer surgery: a retrospective study. *Ann Surg Treat Res.* 2024 Mar;106(3):169-177.
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- Lee KH, Park SY, Song SH, Kim HJ, Kim JG, Kang BW, Lee IK, Lee YS, Kim SH, Baek SK, Bae SU, Son GM, Bae KB, Choi GS, Park JS, Kim JY. Short-term outcomes of Early versus conventional adjuvant chemotherapy in stage III colon cancer: randomized clinical trial. *BJS Open.* 2023 Oct 3;7(4):zrad064.
- Kim KE, Cho IS, Bae SU, Jeong WK, Kim HJ, Baek SK. A prospective randomized controlled study comparing patient-reported scar evaluation of single-port versus multiport laparoscopic appendectomy for acute appendicitis. *J Minim Invasive Surg.* 2023 Jun 15;26(2):55-63.