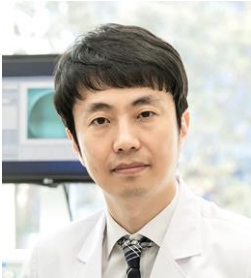




**KAROS**  
THE KOREAN ASSOCIATION OF  
ROBOTIC SURGEONS

## Curriculum Vitae

**\*영문으로 작성 부탁드립니다.**

	<b>Name in Full</b>	Gyoung Tae Noh
	<b>Country</b>	Korea
	<b>Affiliation</b>	Ewha Womans University College of Medicine
	<b>Email</b>	nogang@ewha.ac.kr

### **Educational Background**

2000.3 – 2006.2 M.D., Chosun University College of Medicine, Gwang-ju, Korea  
2011.9 – 2015.2 M.S., Korea University Postgraduate School, Seoul, Korea  
2016.9 – 2021.2 Ph.D., Yonsei University Postgraduate School, Seoul, Korea

### **Professional Career**

2006.3 – 2012.2  
Internship, Residency, Fellow, Department of Surgery, Mokdong Hospital, Ewha Womans University, College of Medicine  
2015.5 – 2017.2  
Fellow, Division of Colorectal Surgery, Department of Surgery, Severance Hospital, Yonsei University  
2017.3 – 2021.8  
Clinical assistant professor, Division of Colorectal Surgery Department of Surgery, Ewha Womans University, College of Medicine  
2021.9 – present  
Assistant professor, Division of Colorectal Surgery, Department of Surgery, Ewha Womans University, College of Medicine

### **Research Field**



**KAROS**  
THE KOREAN ASSOCIATION OF  
ROBOTIC SURGEONS

Minimally invasive colorectal surgery

Robotic surgery

Surgical oncology

Tumor biology



1. Single-incision robotic complete mesocolic excision for right-sided colon neoplasms: technical and oncologic feasibility. Jo MH, Kim HS, Chung SS, Noh GT. *Surg Endosc.* 2026 Mar;40(3):2681-2688. doi: 10.1007/s00464-026-12664-1
2. The role of exosomal miRNA-125b derived from colon cancer-associated fibroblasts in skeletal muscle cachexia. Kim HS, Kim J, Lee B, Lee Y, Park SY, Oh BY, Cho KA, Chung SS, Noh GT. *PLoS One.* 2026 Feb 20;21(2):e0342052. doi: 10.1371/journal.pone.0342052. eCollection 2026.
3. The Korean Rectal Cancer Multidisciplinary Committee Clinical Practice Guidelines for Rectal Cancer version 2.0. Ryu HS, Kim HJ, Kang DH, Kwak YK, Kwak HD, Kwon YH, Kim D, Kim BH, Kim JH, Kim JH, Kim JW, Kim TH, Kim HY, Nam SM, Noh GT, Bong JW, Sung NS, Shin SH, Lee KY, Lee SC, Lee SW, Lee JW, Lee JM, Ihn MH, Lim JH, Ji WB, Pyo DH, Hong YK, Kwak JM. *Ann Coloproctol.* 2026 Feb;42(1):4-33. doi: 10.3393/ac.2025.01396.0199.
4. Short-term outcomes of single-port robotic surgery versus single-port laparoscopic surgery for colon cancer: a multicenter matched-cohort analysis. Noh GT, Kim YI, Song SH, Kim HJ, Yang SS, Yoon YS, Kim JH, Kim HJ, Kang BM, Kim CW, Lee SH, Kim JG, Lee YS. *Surg Endosc.* 2025 Dec;39(12):8444-8454. doi: 10.1007/s00464-025-12275-2
5. Cancer-specific cytotoxicity of curcumin through regulation of integrin  $\beta 1$  expression in colon cancer. Kim HK, Lee RA, Hong KS, Noh GT, Oh BY. *Sci Rep.* 2025 Nov 10;15(1):39218. doi: 10.1038/s41598-025-21627-w.
6. Robotic surgery may lead to reduced postoperative inflammatory stress in colon cancer: a propensity score-matched analysis. Park EJ, Noh GT, Lee YJ, Park MY, Yang SY, Han YD, Cho MS, Hur H, Lee KY, Min BS. *Ann Coloproctol.* 2024 Dec;40(6):594-601. doi: 10.3393/ac.2024.00171.0024. Epub 2024 Dec 6.
7. Artificial Intelligence-Driven Volumetric Analysis of Muscle Mass as a Predictor of Tumor Response to Neoadjuvant Chemoradiotherapy in Patients with Rectal Cancer. Kim M, Lee SM, Son IT, Kang J, Noh GT, Oh BY. *J Clin Med.* 2024 Nov 21;13(23):7018. doi: 10.3390/jcm13237018.
8. Safety and efficacy of autologous blood tattooing for preoperative colonic localization: a comparative study with conventional India ink tattooing. Kim HK, Kim HS, Nam JH, Oh BY, Chung SS, Lee RA, Noh GT. *Tech Coloproctol.* 2024 Sep 2;28(1):117. doi: 10.1007/s10151-024-02992-6.
9. Advanced Preoperative Clinical Stage Is Associated With More Lymph Node Harvest in Patients With Right Colon Cancer. Kim HK, Oh BY, Noh GT, Chung SS, Lee RA, Kim HS. *Surg Laparosc Endosc Percutan Tech.* 2024 Aug 1;34(4):432-438. doi: 10.1097/SLE.0000000000001301.
10. Air pollution, including PM10, as a potential risk factor for the development of appendicitis in Korea: a case-crossover study. Jee Y, Nam JH, Oh J, Noh GT, Ha E, Lee RA. *Ewha Med J.* 2024 Jul;47(3):e38. doi: 10.12771/emj.2024.e38
11. Colon cancer: the 2023 Korean clinical practice guidelines for diagnosis and treatment. Ryu HS, Kim HJ, Ji WB, Kim BC, Kim JH, Moon SK, Kang SI, Kwak HD, Kim ES, Kim CH, Kim TH, Noh GT, Park BS, Park HM, Bae JM, Bae JH, Seo NE, Song CH, Ahn MS, Eo JS, Yoon YC, Yoon JK, Lee KH, Lee KH, Lee KY, Lee MS, Lee SH, Lee JM, Lee JE, Lee HH, Ihn MH, Jang JH, Jeon SK, Chae KJ, Choi JH, Pyo DH, Ha GW, Han KS, Hong YK, Hong CW, Kwak JM. *Ann Coloproctol.* 2024 Apr;40(2):89-113. doi: 10.3393/ac.2024.00059.0008. Epub 2024 Apr 30.
12. Is restrictive transfusion sufficient in colorectal cancer surgery? A retrospective study before and during the COVID-19 pandemic in Korea. Kim HK, Kim HS, Noh GT, Nam JH, Chung SS, Kim KH, Lee RA. *Ann Coloproctol.* 2023 Dec;39(6):493-501. doi: 10.3393/ac.2023.00437.0062. Epub 2023 Dec 28.



13. Trans-abdominal single-incision robotic surgery with the da Vinci SP® surgical system for 8 cases of retrorectal tumour. Kim HS, Oh BY, Chung SS, Lee RA, Noh GT. *Int J Med Robot.* 2023 Dec 8:e2599. doi: 10.1002/rcs.2599. Online ahead of print.
14. Splenic flexure mobilization for sigmoid colon cancer with da Vinci SP® surgical system: a video vignette. Kim HS, Chung SS, Lee RA, Noh GT. *Tech Coloproctol.* 2023 Dec 8;28(1):1. doi: 10.1007/s10151-023-02876-1.
15. Long-term oncological outcomes of robotic versus laparoscopic approaches for right colon cancer: a systematic review and meta-analysis. Kim HS, Noh GT, Chung SS, Lee RA. *Tech Coloproctol.* 2023 Dec;27(12):1183-1189.
16. Short-term outcomes of single-incision robotic colectomy versus conventional multiport laparoscopic colectomy for colon cancer. Kim HS, Oh BY, Chung SS, Lee RA, Noh GT. *J Robot Surg.* 2023 Oct;17(5):2351-2359.
17. Body composition index obtained by using a bioelectrical impedance analysis device can be a predictor of prolonged operative time in patients undergoing minimally invasive colorectal surgery. Kim HS, Kim KH, Noh GT, Lee RA, Chung SS. *Ann Coloproctol.* 2023 Aug;39(4):342-350.
18. Single-incision robotic colorectal surgery with the da Vinci SP® surgical system: initial results of 50 cases. Kim HS, Oh BY, Cheong C, Park MH, Chung SS, Lee RA, Kim KH, Noh GT. *Tech Coloproctol.* 2023 Jul;27(7):589-599.
19. Exosomes Derived from Colon Cancer Cells Promote Tumor Progression and Affect the Tumor Microenvironment. Kim M, Son IT, Noh GT, Woo SY, Lee RA, Oh BY. *J Clin Med.* 2023 Jun 7;12(12):3905.
20. Validity of C-Reactive Protein as a Surrogate Marker for Infectious Complications After Surgery for Colorectal Cancer. Nam JH, Noh GT, Chung SS, Kim KH, Lee RA. *Surg Infect (Larchmt).* 2023 Jun;24(5):488-494.
21. Impact of laparoscopic surgical experience on the learning curve of robotic rectal cancer surgery. Noh GT, Han M, Hur H, Baik SH, Lee KY, Kim NK, Min BS. *Surg Endosc.* 2021 Oct;35(10):5583-5592.
22. Robotic single-incision right hemicolectomy with extended lymphadenectomy using the da Vinci SP Surgical Platform. Noh GT, Chung SS, Lee RA, Kim KH. *J Minim Invasive Surg.* 2021 Jun 15;24(2):109-112.
23. Verification of the role of exosomal microRNA in colorectal tumorigenesis using human colorectal cancer cell lines. Noh GT, Kwon J, Kim J, Park M, Choi DW, Cho KA, Woo SY, Oh BY, Lee KY, Lee RA. *PLoS One.* 2020 Nov 11;15(11):e0242057.
24. Computed tomography based cross-sectional anatomy of the pelvis predicts surgical outcome after rectal cancer surgery. Noh GT, Chung SS, Kim KH, Lee RA. *Ann Surg Treat Res.* 2020 Aug;99(2):90-96.
25. Initial clinical experience of single-incision robotic colorectal surgery with da Vinci SP platform. Noh GT, Oh BY, Han M, Chung SS, Lee RA, Kim KH. *Int J Med Robot.* 2020 Jun;16(3):e2091.
26. The impact of early adjuvant chemotherapy in rectal cancer. Noh GT, Han J, Cho MS, Hur H, Lee KY, Kim NK, Min BS. *PLoS One.* 2020 Jan 31;15(1):e0228060.
27. Novel anal sphincter saving procedure with partial excision of levator-ani muscle in rectal cancer invading ipsilateral pelvic floor. Noh GT, Han J, Cheong C, Han YD, Kim NK. *Ann Surg Treat Res.* 2017 Oct;93(4):195-202.
28. Factors affecting pouch-related outcomes after restorative proctocolectomy. Noh GT, Han J, Cho MS, Hur H, Min BS, Lee KY, Kim NK. *PLoS One.* 2017 Oct 19;12(10):e0186596



29. Transanal Endoscopic Operation Versus Conventional Transanal Excision for Rectal Tumors: Case-Matched Study with Propensity Score Matching. *World J Surg.* Han J, Noh GT, Cheong C, Cho MS, Hur H, Min BS, Lee KY, Kim NK. 2017 Sep;41(9):2387-2394
30. Impact of the prognostic nutritional index on the recovery and long-term oncologic outcome of patients with colorectal cancer. Noh GT, Han J, Cho MS, Hur H, Min BS, Lee KY, Kim NK. *J Cancer Res Clin Oncol.* 2017 Jul; 143(7):1235-1242
31. Universal suprapubic approach for complete mesocolic excision and central vascular ligation using the da Vinci Xi® system: from cadaveric models to clinical cases. Yeo SA, Noh GT, Han JH, Cheong C, Stein H, Kerdok A, Min BS. *J Robot Surg.* 2017 Sep;41(9):2387-2394
32. Genomic predictor of complete response after chemoradiotherapy in rectal cancer. Noh GT, Kim NK. *Ann Transl Med.* 2016 Dec;4(24):493. doi: 10.21037/atm.2016.12.03.
33. The number of retrieved lymph nodes needed for accurate staging differs based on the presence of preoperative chemoradiation for rectal cancer. Han J, Noh GT, Yeo SA, Cheong C, Cho MS, Hur H, Min BS, Lee KY, Kim NK. *Medicine (Baltimore).* 2016 Sep;95(38):e4891. doi: 10.1097/MD.0000000000004891.
34. Impact of anastomotic leakage on long-term oncologic outcome and its related factors in rectal cancer. Noh GT, Ann YS, Cheong C, Han J, Cho MS, Hur H, Min BS, Lee KY, Kim NK. *Medicine (Baltimore).* 2016 Jul;95(30):e4367. doi: 10.1097/MD.0000000000004367.
35. The availability of computed tomography for pulmonary staging in colorectal cancer. Oh BY, Noh GT, Hong KS, Chung SS, Kim KH, Lee RA. *Ann Surg Treat Res.* 2014 Apr;86(4):212-6.
36. Optimal time of initiating adjuvant chemotherapy after curative surgery in colorectal cancer patients. Kang KM, Hong KS, Noh GT, Oh BY, Chung SS, Lee RA, Kim KH. *Ann Coloproctol.* 2013 Aug;29(4):150-4.
37. A Study on the Factors that Influence the Surgical Outcomes of Choledochal Cyst in Children. Kim JK, Noh GT, Min SK, Choi KJ. *J Korean Assoc Pediatr Surg.* 2012 Jun;18(1):1-11.
38. A Case of Ileal Lipoma Misdiagnosed as Colonic Lipoma. Noh GT, Koo HS, Lee RA. *Ewha Med J.* 2012 Mar;35(1):69-71.
39. A Case of Ileal Mesenteric Desmoid Tumor Resected by Laparoscopic Surgery. Noh KT, Sung SH, Lee RA. *Ewha Med J.* 2012 Mar;35(1):49-53.
40. Extensive bowel ischemia with heavy alcohol consumption: report of a case. Lee JH, Noh GT, Lee RA. *Korean Soc Coloproctol.* 2012 Feb;28(1):61-5.
41. One Year Follow-up Result of Doppler-guided Hemorrhoidal Artery Ligation and Recto-Anal Repair in 97 Consecutive Patients. Jeong WJ, Cho SW, Noh KT, Chung SS. *J Korean Soc Coloproctol.* 2011 Dec;27(6):298-302.
42. Metastasis to the breast from colonic adenocarcinoma. Noh KT, Oh B, Sung SH, Lee RA, Chung SS, Moon BI, Kim KH. *J Korean Surg Soc.* 2011 Dec;81 Suppl 1:S43-6.
43. Jejunal Mass Presented by Anemia. Noh GT, Koo HS, Lee RA. *Ewha Med J.* 2011 Sep;34(2):64-66.
44. Comparison of Short-term Follow-up Results of Open, Laparoscopic and Hand-assisted Laparoscopic Colectomy in Colorectal Cancer. Hong KS, Noh KT, Oh B, Lee RA, Chung SS, Kim KH. *Ewha Med J.* 2011 Sep;34(2):19-26.
45. Selection of surgical treatment types for intrahepatic duct stones. Hong KS, Noh KT, Min SK, Lee HK. *Korean J Hepatobiliary Pancreat Surg.* 2011 Aug;15(3):139-45.
46. Optimal Time for Appendectomy in Perforated Appendicitis of Children. Noh KT, Chung SS,



**KAROS**  
THE KOREAN ASSOCIATION OF  
ROBOTIC SURGEONS

Choi KJ. J Korean Surg Soc. 2010 Apr;78(4):242-248.

47. Comparison of Primary Closure and T-tube Drainage following Laparoscopic CBD Exploration. Noh KT, Min SK, Lee HK. J Korean Surg Soc. 2009 Dec;77(6):399-403.