

CURRICULUM VITAE

Bang Wool Eom, MD, PhD

PERSONAL DETAIL

Address: Center for Gastric Cancer, National Cancer Center,
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Date of Birth October 30, 1979

Nationality Republic of Korea

Marriage Married, 2 children

Languages Korean, English

Licensed Physician: Korean Medical License No.83775 Year: 2004

Board Certification: Korean Board of Surgery No.6245 Year: 2009

EDUCATION:

Mar 1998 – Feb 2004 Bachelor (Medicine), MD

		Seoul National University School of Medicine, Seoul, Korea
Mar 2009 – Aug 2011	MS (Medicine)	
		Seoul National University School of Medicine, Seoul, Korea
Mar 2012 – Feb 2017	PhD (Medicine)	
		Yonsei University College of Medicine, Seoul, Korea

POSTDOCTORAL TRAINING:

Mar 2004 - Feb 2005	Internship	Medicine, Seoul National University Hospital
Mar 2005 - Feb 2009	Residencies	Seoul National University Hospital
Mar 2009 - Feb 2012	Fellowships	Center for Gastric Cancer, National Cancer Center

INTERNATIONAL EXPERIENCE

Aug 2019 – Jul 2020	Researcher	Pf. George Hanna St. Mary's hospital, Imperial College of London
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POSITIONS AND APPOINTMENTS:

Hospital Appointments:

Mar 2012 - present	Staff Surgeon	National Cancer Center
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Research Appointments:

Mar 2014 – Feb 2017	Associate Scientist	Research Institute, National Cancer Center
Mar 2017 - present	Senior Scientist	Research Institute, National Cancer Center

HONORS AND AWARDS:

2007	Travel award	International Gastric Cancer Association
2008	The Best Resident	Seoul National University Hospital

2011	The Best Oral Presentation	The Korean Society of Surgical Oncology
2012	The Best Research	National Cancer Center
2012	Young Investigator Award	Japanese Gastric Cancer Association
2012	The Best Poster Presentation	Korean Society of Endoscopic & Laparoscopic Surgeons
2012	The Best Poster Presentation	The Korean Society of Surgical Oncology
2013	The Best Oral Presentation	The Korean Society of Surgical Oncology
2014	The Best Oral Presentation	Korea International Gastric Cancer Week
2014	The Best Oral Presentation	The Korean Society of Surgical Oncology
2015	The Best Oral Presentation	Korea International Gastric Cancer Week
2016	The Best Researcher	Korea International Gastric Cancer Week
2017	The Best Poster Presentation	The Korean Society of Surgical Oncology
2018	The Best Oral Presentation	Korea International Gastric Cancer Week
2019	The Best Oral Presentation	Korea International Gastric Cancer Week

RESEARCH GRANT

2013.7.1~2014.6.30 [Grant for new investigator from National Cancer Center]

- ✓ Title: Validation of predictive factors for lymph node metastasis in gastric cancer and development of a prediction model
- ✓ Grant: \$24,000

2014.5.1~2015.4.30 [Grant for new investigator from National Cancer Center]

- ✓ Title: Validation of predictive factors for lymph node metastasis in gastric cancer and development of a prediction model
- ✓ Grant: \$27,000

2015.3.1~2016.2.27 [Grant for new investigator from National Cancer Center]

- ✓ Title: Emptying function and quality of life according to the anastomosis after gastrectomy
- ✓ Grant: \$27,000

2017.1.1~2019.12.31 [Grant from National Cancer Center]

- ✓ Title: Multicenter study for quality of life according to the anastomosis after gastrectomy and development of symptom questionnaire

- ✓ Grant: \$38,000

2017.1.1~2019.12.31 [Grant from National Cancer Center]

- ✓ Title: Clinical trial of sentinel node biopsy based minimally invasive organ preserving surgery in early gastric cancer patients
- ✓ Grant: \$60,000

SCIENTIFIC AND MEDICAL SOCIETIES:

Membership

- 2009 ~ Korean Surgical Society
- 2009 ~ Korean Gastric Cancer Association
- 2011 ~ The Korean Society of Surgical Oncology
- 2012 ~ Korean Society of Endoscopic & Laparoscopic Surgeons
- 2013 ~ Korean Society of Gastrointestinal Endoscopy
- 2015 ~ European Association for Endoscopic Surgery
- 2017 ~ International Gastric Cancer Association

Committee activities

- 2013-2014 Secretary Research committee, Korean Gastric Cancer Association
- 2015-2016 Secretary Information committee, Korean Gastric Cancer Association
- 2015-2016 Member Scientific committee, Korean Gastric Cancer Association
- 2016-2017 Secretary Scientific committee,
Korean Society of Endoscopic & Laparoscopic Surgeons
- 2017-2018 Member Scientific committee, SMIT 2018
- 2017 ~ Member Information committee, Korean Gastric Cancer Association
- 2018 ~ Secretary Education committee,
Korean Society of Endoscopic & Laparoscopic Surgeons
- 2018 ~ Member Scientific committee,
Korean Society of Endoscopic & Laparoscopic Surgeons

Education

2014 ~ Tutor Korean Surgical Skill Study Group

OTHER ACTIVITIES:

Invited lecture for Symposium

2013	Persepectives for Surgical Endoscopists	KSSO
2014	Neoadjuvant Chemotherapy in Gastric Cancer – Cons	KINGCA week 2014
2015	Role of No.14v lymph node dissection; Is it beneficial?	KINGCA week 2015
2016	Biomarkers of lymph node metastasis in gastric cancer	KINGCA week 2016
2016	Anemia & vitamin deficiency	The 20 th Congress of KSSMN
2016	How to start with surgical tissues?	Annual Congress of KSS
2017	Endoscopic localization of lesion for laparoscopic gastric surgery	KSELS 2017
2017	Survival benefit of additional surgery after ESD	KINGCA week 2017
2017	Changes of Gastric Cancer Risk According to the Aging Process	Annual Congress of KSS
2017	Development of module and review of process of KOQUSS	The 1 st Congress of GI Surgery
2018	Tips for journal selection and processing	Annual Congress of KSS
2019	Treatment outcomes of laparoscopic gastrectomy after non-curative ESD	KINGCA week 2019
2019	Is esophagogastostomy preferable option after PG?	KSELS 2019

Activity as a Reviewer

European Journal of Surgical Oncology

BMC Cancer

BMC Gastroenterology

Surgical Oncology

Yonsei Medical Journal

PUBLICATIONS:

A. Journals (as first author)

No	Authors	Title	Journal	Year
				Page
33	Eom BW , Park B, Yoon HM, Ryu KW, Kim YW.	Laparoscopy-assisted pylorus-preserving gastrectomy for early gastric cancer: A retrospective study of long-term functional outcomes and quality of life.	World J Gastroenterol	2019 Sep 28;25(36):5494-5504
32	Eom BW , Yoon HM, Min JS, Cho I, Park JH, Jung MR, Hur H, Kim YW, Park YK, Nam BH, Ryu KW; Sentinel Node Oriented Tailored Approach (SENORITA) Study Group.	Prospective Multicenter Feasibility Study of Laparoscopic Sentinel Basin Dissection after Endoscopic Submucosal Dissection for Early Gastric Cancer: SENORITA 2 Trial Protocol.	J Gastric Cancer	2019 Jun;19(2):157-164
31	Eom BW , Jung KW, Won YJ, Kim YW.	Trends and Outcomes of Non-compliance with Treatment for Gastric Cancer in Korea over the 16 years from 1999 to 2015.	J Gastric Cancer.	2019 Mar;19(1):92-101
30	Eom BW , Kim S, Kim JY, Yoon HM, Kim MJ, Nam BH, Kim YW, Park YI, Park SR, Ryu KW.	Survival Benefit of Perioperative Chemotherapy in Patients with Locally Advanced Gastric Cancer: a Propensity Score Matched Analysis.	J Gastric Cancer.	2018 Mar;18(1):69-81.
29	Eom BW , Jung KW, Won YJ, Yang H, Kim YW.	Trends in Gastric Cancer Incidence According to the Clinicopathological Characteristics in Korea, 1999-2014.	Cancer Res Treat.	2018 Oct;50(4):1343-1350
28	Eom BW , Kim J, Kim DH, Kim YI, Yoon HM, Cho SJ, Lee JY, Kim CG, Choi IJ, Kim YW, Nam BH, Ryu KW.	Recovery of Food Intake after Gastrectomy for Gastric Cancer: Based on a Large-Scale Gastric Cancer Cohort.	Dig Surg.	2018;35(3):220-229.

27	Eom BW , Kim YI, Yoon HM, Cho SJ, Lee JY, Kim CG, Kim SJ, Rho JY, Kim SK, Kook MC, Kim YW, Ryu KW.	Current status and challenges in sentinel node navigation surgery for early gastric cancer.	Chin J Cancer Res.	2017 Apr;29(2):93-99.
26	Eom BW , Kim YI, Kim KH, Yoon HM, Cho SJ, Lee JY, Kim CG, Kook MC, Kim YW, Nam BH, Ryu KW, Choi IJ.	Survival benefit of additional surgery after noncurative endoscopic resection in patients with early gastric cancer.	Gastrointest Endosc.	2017 Jan;85(1):155-163.e3.
25	Eom BW , Joo J, Park B, Jo MJ, Choi SH, Cho SJ, Ryu KW, Kim YW, Kook MC.	Nomogram Incorporating CD44v6 and Clinicopathological Factors to Predict Lymph Node Metastasis for Early Gastric Cancer.	PLoS One	2016 Aug 2;11(8):e0159424.
24	Eom BW , Kim YW, Nam BH, Ryu KW, Jeong HY, Park YK, Lee YJ, Yang HK, Yu W, Yook JH, Song GA, Youn SJ, Kim HU, Noh SH, Park SB, Yang DH, Kim S.	The Korean Gastric Cancer Cohort Study: Study Protocol and Brief Results of a Large-Scale Prospective Cohort Study..	J Gastric Cancer	2016 Sep;16(3):182-190..
23	Eom BW , Joo J, Kim YW, Park B, Yoon HM, Ryu KW, Kim SJ.	Nomogram Estimating the Probability of Intraabdominal Abscesses after Gastrectomy in Patients with Gastric Cancer.	J Gastric Cancer	2015 Dec;15(4):262-9.
22	Eom BW , Joo J, Kim S, Shin A, Yang HR, Park J, Choi IJ, Kim YW, Kim J, Nam BH.	Prediction Model for Gastric Cancer Incidence in Korean Population.	PLoS One	2015 Jul 17;10(7):e0132613.
21	Eom BW , Ryu KW, Nam BH, Park Y, Lee HJ, Kim MC, Cho GS, Kim CY, Ryu SW, Shin DW, Hyung WJ, Lee JH.	Survival nomogram for curatively resected Korean gastric cancer patients: multicenter retrospective analysis with external validation.	PLoS One.	2015 Feb 27;10(2):e0119671.
20	Eom BW , Yu JS, Ryu KW, Kook MC, Kim YI, Cho SJ, Lee JY, Kim CG, Choi IJ, Yoon HM, Kim YW.	Optimal submucosal invasion of early gastric cancer for endoscopic resection.	Ann Surg Oncol	2015;22(6):1806-12

19	Eom BW , Joo J, Park B, Kim YW.	Reply to questions in response to "improved survival after adding dissection of the superior mesenteric vein lymph node (14v) to standard D2 gastrectomy for advanced distal gastric cancer".	Surgery	2014 Sep;156(3):737-8
18	Eom BW , Joo J, Yoon HM, Ryu KW, Kim YW, Lee JH.	A Body Shape Index Has a Good Correlation with Postoperative Complications in Gastric Cancer Surgery.	Ann Surg Oncol	2014 Apr;21(4):115-22.
17	Eom BW , Joo J, Kim YW, Reim D, Park JY, Yoon HM, Ryu KW, Lee JY, Kook MC	Improved survival after adding dissection of the superior mesenteric vein lymph node (14v) to standard D2 gastrectomy for advanced distal gastric cancer.	Surgery	2014 Mar;155(3):408-16
16	Eom BW , Joo J, Kim YW, Bae JM, Park KB, Lee JH, Ryu KW, Kook MC.	Role of bursectomy for advanced gastric cancer: Result of a case-control study from a large volume hospital.	Eur J Surg Oncol	2013 Dec;39(12):1407-14
15	Eom BW , Joo J, Kim YW, Park B, Park JY, Yoon HM, Lee JH, Ryu KW	Is There Any Role of Additional Retropancreatic Lymph Node Dissection on D2 Gastrectomy for Advanced Gastric Cancer?	Ann Surg Oncol	2013 Aug;20(8):2669-75
14	Eom BW , Kim YW, Lee SE, Ryu KW, Lee JH, Yoon HM, Cho SJ, Kook MC, Kim SJ.	Survival and surgical outcomes after laparoscopy-assisted total gastrectomy for gastric cancer: case-control study.	Surg Endosc	2012;26(11):3273-81
13	Eom BW , Lee JH, Choi IJ, Kook MC, Nam BH, Ryu KW, Kim YW.	Pretreatment risk factors for multiple gastric cancer and missed lesions.	J Surg Oncol	2012;105(8):813-7
12	Eom BW , Yoon HM, Ryu KW, Lee JH, Cho SJ, Lee JY, Kim CG, Choi IJ, Lee JS, Kook MC, Rhee JY, Park SR, Kim YW.	Comparison of surgical performance and short-term clinical outcomes between laparoscopic and robotic surgery in distal gastric cancer.	Eur J Surg Oncol	2012;38(1):57-63

11	Eom BW , Ryu KW, Lee JH, Lee JY, Lee JS, Kook MC, Kim YW.	Gastrogastric intussusception secondary to a gastric carcinoma: Report of a case.	Surg Today	2011;41(10):1424-7
10	Eom BW , Lee JH, Lee JS, Kim MJ, Ryu KW, Choi IJ, Cho SJ, Lee JY, Rhee J, Nam BH, Kim YW.	Survival analysis of gastric cancer patients with tumor thrombus in the portal vein.	J Surg Oncol	2012;105(3):310-5
9	Eom BW , Jo MJ, Kook MC, Ryu KW, Choi IJ, Nam BH, Kim YW, Lee JH.	The lymphangiogenic factor SOX 18: A key indicator to stage gastric tumor progression.	Int J Cancer	2012;131(1):41-8
8	Eom BW , Ryu KW, Lee JH, Choi IJ, Kook MC, Cho SJ, Lee JY, Kim CG, Park SR, Lee JS, Kim YW.	Oncologic effectiveness of regular follow-up to detect recurrence after curative resection of gastric cancer	Ann Surg Oncol	2011;18(2):358-64
7	Eom BW , Yoon H, Ryu KW, Lee JH, Cho SJ, Lee JY, Kim CG, Choi IJ, Lee JS, Kook MC, Park SR, Nam BH, Kim YW.	Predictors of timing and patterns of recurrence after curative resection for gastric cancer.	Dig Surg	2010;27(6):481-6
6	Eom BW , Yoon H, Han SS, Ryu KW, Lee JH, Kim SH, Lee KW, Park SJ, Kim YW.	Laparoscopy-assisted distal gastrectomy combined with laparoscopic spleen-preserving distal pancreatectomy for the treatment of early gastric cancer with pancreatic cystic neoplasm.	J Laparoendosc Adv Surg Tech A	2010;20(7):643-7
5	Eom BW , Jung SY, Yoon H, Kook MC, Ryu KW, Lee JH, Kim YW.	Gastric choriocarcinoma admixed with an alpha-fetoprotein-producing adenocarcinoma and separated adenocarcinoma.	World J Gastroenterol	2009;15(4):5106-8.
4	Eom BW , Lee TS, Kim HH, Han HS, Ha JW, Chung JK, Kim SJ	Robot assisted aorto-femoral bypass	Annals of Surgical Treatment and Research	2009;76(04):266-269

3	Eom BW , Lee HJ, Yoo MW, Cho JJ, Kim WH, Yang HK, Lee KU.	Synchronous and metachronous cancers in patients with gastric cancer	J Surg Oncol	2008;98(2):106-10.
2	Eom BW , Jang JY, Lee SE, Han HS, Yoon YS, Kim SW.	Clinical outcomes compared between laparoscopic and open distal pancreatectomy.	Surg Endosc	2008;22(5):1334-8
1	Eom BW , Lee TS, Yoon CJ, Kang SK, Min SK, Jung IM, Chung JK, Kim SJ	Delayed open repair for persistent type 1 endoleak after EVAR: a case report	Journal of the Korean Society for Vascular Surgery	2008;24(0):52-55

C. Book Chapters

- 1) WILLIAM H ALLUM, YOUNGWOON KIM, ELISA FONTANA, NAUREEN STARLING AND **BANG WOOL EOM**. Chapter 14. Gastric Cancer. Surgical Oncology theory and Multidisciplinary Practice, Second edition, CRC Press

BIOGRAPHY:

Dr. Eom is actively performing gastric cancer surgeries with many experiences of minimally invasive surgeries. She has strong interest in endoscopic procedure for gastric cancer patients and quality of life after gastrectomy. His translational research interest is biomarker for detecting lymph node metastasis in early gastric cancer.