

Curriculum Vitae

Hyung Seok Park, MD, PhD

Prof. Park is a breast surgeon and surgical oncologist, currently serving as a professor in the Department of Surgery at Yonsei University College of Medicine, Severance Hospital, Breast Cancer Center & Cancer Prevention Center of Yonsei Cancer Center, and Yonsei University Health System.

As a pioneer in robotic mastectomy, he began researching the procedure using cadaveric models in 2013 and performed Asia's first human case of robotic mastectomy in 2016. He also developed a gasless robotic mastectomy technique, becoming the first to publish a paper on the human subject. Continuing his pioneering work, he performed the world's first robotic mastectomy and robotic axillary lymph node dissection using the da Vinci SP system in 2018 and 2019, respectively. Today, he actively utilizes robotic surgical systems for mastectomies and axillary lymph node dissections in patients with breast cancer or BRCA1/2 mutations. Recognized as one of the leading high-volume surgeons in South Korea, his team at Severance Hospital achieved a milestone of over 1,000 cumulative robotic mastectomies in 2025.

Beyond his clinical practice, Prof. Park actively participates in the clinical trial group of the Korean Breast Cancer Society. He also founded the Korea Robot-Endoscopy & Minimal Access Breast Surgery Study Group (KoREa-BSG) and currently serves as its chairperson. An accomplished researcher, he has published over 100 scientific articles, delivered numerous invited lectures at international conferences, and co-authored several chapters in a prominent Korean textbook on breast oncology. He has authored a definitive textbook on robotic breast surgery. His diverse research interests encompass robotic and oncoplastic breast surgery, surgical oncology, minimally invasive surgery, endocrine surgery, biostatistics, preclinical models, hereditary breast & ovarian cancer syndrome, and genomics.

Personal Data

Office address: Ludlow building 218, Department of Surgery, Yonsei University College of Medicine, 50-1 Yonsei-ro, Seodaemun-gu, Seoul 03722, Republic of Korea

Tel.: +82-2-2228-2100

E-mail : hyungseokpark.md@gmail.com

imgenius2@gmail.com

imgenius@yuhs.ac

Website: <http://robotmastectomy.com>

<http://prohbot.com>

Education

2018: Ph.D., Yonsei University College of Medicine

2005: Master of Science, Graduate School, Kosin University

2000: M.D., Kosin University College of Medicine

Professional Training and Employments

2024 – Present: Professor, Division of Breast Surgery, Department of Surgery, Yonsei University College of Medicine, Seoul, Republic of Korea

2021 – 2024: Associate Professor, Division of Breast Surgery, Department of Surgery, Yonsei University College of Medicine, Seoul, Republic of Korea

2021. 2: Visiting Scholar, Department of Convergence Medicine, College of Medicine, University of Ulsan, Asan Medical Center, Seoul, Republic of Korea (PI: NamKug Kim, PhD, Research Subjects: Artificial intelligence and 3D printer)

2014 – Present: Member of the multi-disciplinary team of Hereditary Breast and Ovarian Cancer Clinic at Cancer Prevention Center, Yonsei Cancer Center

2019. 8 – 2020. 8: Chief of Division of Breast Surgery, Department of Surgery, Yonsei University College of Medicine, Seoul, Republic of Korea

2018 – 2021: Clinical Associate Professor, Division of Breast Surgery, Department of Surgery, Yonsei University, Seoul, Republic of Korea

2012 – 2017: Clinical Assistant Professor, Division of Breast Surgery, Department of Surgery, Yonsei University, Seoul, Republic of Korea

2011 – 2012: Clinical Fellow, Division of Breast and Endocrine Surgery, Department of Surgery, Seoul St. Mary Hospital and The Catholic University of Korea College of Medicine, Seoul, Republic of Korea

2009 – 2011: Clinical and Research Fellow, Division of Breast Surgery, Department of Surgery, Yonsei University, Seoul, Republic of Korea

2008 – 2009: Attending Surgeon, Busan Mirae Breast Clinic, Busan, Republic of Korea

2007 – 2008: Attending Surgeon, Busan Veterans Hospital, Busan, Republic of Korea

2005 – 2007: Surgeon, Medical advisor, Busan medical information center, Busan National University Hospital and the Ministry of Health and Welfare, Republic of Korea

2005 – 2008: Public Health Doctor as a military service, the Ministry of Health and Welfare, Republic of Korea

2005. 2 – Board-certified surgeon, Republic of Korea

2001 – 2005: Residency of Surgery, Kosin University Gospel Hospital, Busan, Republic of Korea

2000 – 2001: Internship, Kosin University Gospel Hospital, Busan, Republic of Korea

Research and Surgical Area

Robotic breast and axillary surgery

Surgical oncology: breast cancer surgery, oncoplastic surgery, robotic surgery, endoscopic surgery, cancer treatment, endocrine therapy, chemotherapy, target therapy

General Surgery: benign breast surgery, emergency surgery including appendectomy, laparotomy, bowel resection

Genomics: hereditary breast & ovarian cancer syndrome, hereditary cancer syndrome, NGS, cancer panel, somatic mutations, homologous recombinant deficiency, pharmacogenomics

Biostatistics: medical statistics, regression, nomogram, machine learning, prediction models, deep learning, artificial intelligence

Medical License No. 70413 (Korea, Republic of)

GCP

KGCP -2026.01.28/SEV-CREDU-14-2026-0117
2025.12.04/SEV-CREDU-14-2025-1676
2025.02.12/SEV-CREDU-14-2025-0224
2024.05.09/SEV-CREDU-14-2024-0918
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2022.07.15/SEV-CREDU-14-2022-0914
2021.02.25/SEV-CREDU-14-2021-0164
2021.01.20/SEV-CREDU-14-2021-0016
2020.01.22/SEV-CREDU-14-2020-0023
2019.06.19/SEV-CREDU-14-2019-1157
2018.02.21/SEV-CREDU-14-2018-5929
2017.05.10/SEV-CREDU-14-2017-3268
2016.12.06/SEV-CREDU-14-2016-2088
2016.11.09/[on]-16-CRI-00010575

Published articles between 2009 and 2026

Kim, H.K., Shin, D.S., Jang, S.Y., Bae, S.J., Kim, E.Y., Cha, C.D., Park, H.S., Lee, J., Lee, J.H., Lee, E.S., Choi, J.E., Bae, S.Y., Shin, H.C., Kim, D., Lee, M.H., Kim, Y.Y., Han, S.A., Lee, J., Chang, Y.W. ... KoREa-BSG, K.R.-E.M.A.B.S.S.G.

Oncological safety and preventive impact of nipple-sparing mastectomy in patients with BRCA1/2 mutation: multicentre study of the Korea Robot-endoscopy Minimal Access Breast Surgery Study Group (KoREa-BSG)

BJS OPEN. 2026 Feb;10(1): zraf168. doi: 10.1093/bjsopen/zraf168.

Moon, J.S., Park, H.S., You, J.Y., Lee, K.H., Lee, S.B., Kim, K.S., Park, H.Y., Kang, B., Lee, J. & Korea Robot-endoscopy Minimal Access Breast Surgery Study, G.

Intraoperative complications and prevention strategies in robot-assisted breast surgery J Robot Surg. 2025 Sep 25;19(1):633. doi: 10.1007/s11701-025-02822-3.

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Choi, H.J., Paek, S.H., Lee, J.H., Lee, M.H., Bang, Y.J., Kim, K.S., Kim, H.Y., Park, H.S., Ryu, J.M. & KoREa-BSG, K.R.-e.M.A.B.S.S.G.

The first multicenter study of robot-assisted breast-conserving surgery: insights from the KoREa-BSG group

Surg Endosc. 2025 Sep;39(9):6222-6229. doi: 10.1007/s00464-025-11964-2.

Gwark, S., Hwang, YH., Paek, S.H. et al.

Early Postoperative Outcomes of Tumescant-Free Single-Port Robot-Assisted Nipple-Sparing Mastectomy Compared with Tumescant-Using Technique: A Substudy of Retrospective Multicenter Study (SPROUT, KoREa-BSG 14).

Ann Surg Oncol 32, 9787–9797 (2025). <https://doi.org/10.1245/s10434-025-18041-x>.

Yoon, K.H., Lee, S.J., Ahn, J.H., Kim, J.Y., Park, H.S., Kim, S.I. & Park, S.

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J Breast Cancer. 2025 Jun;28(3):158-170. doi: 10.4048/jbc.2024.0259.

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Consensus Statement on Robotic Nipple Sparing Mastectomy Expert Panel

J Breast Cancer. 2025 Jun;28(3):180-192. doi: 10.4048/jbc.2025.0030. Epub 2025 May 12.

PMID: 40432351

Ahn, J.H., Lee, S.J., Yang, S.H., Kim, J.Y., Park, H.S., Kim, S.I., Park, B.W. & Park, S.

Clinical treatment score post-5 years and survival benefit from extended endocrine therapy for breast cancer patients under and over 50 years of age

Breast Cancer Res Treat. 2025 Jun;211(3):657-667. doi: 10.1007/s10549-025-07679-6.

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Lee, J., Ryu, J.M., Kim, H.K., Park, H.S., Kang, B., Ahn, S.G., Chung, M.S., Shin, S.H., Go, J., Kim, S., Kim, E.Y., Kang, Y.J., Min, S.Y., Lee, M., Shin, E., Shin, J., Lee, S.B. & Cha, C.D.

Long-Term Oncologic Outcome of Breast-Conserving Treatment in Patients With Breast Cancer With BRCA Variants

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Development of a deep learning-based model for guiding a dissection during robotic breast surgery

Breast Cancer Res. 2025 Mar 10;27(1):34. doi: 10.1186/s13058-025-01981-3.

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Excluding Upper Axillary Level 1 in Regional Nodal Irradiation Does Not Increase Axillary Recurrence Risk in Patients With Breast Cancer

Pract Radiat Oncol. 2025 Mar-Apr;15(2):144-154. doi: 10.1016/j.prro.2024.08.010. Epub 2024 Oct 1.

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J Breast Cancer. 2024 Dec;27(6):372-382. doi: 10.4048/jbc.2024.0146.
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Prev Med Rep. 2024 Nov 15;48:102928. doi: 10.1016/j.pmedr.2024.102928. eCollection 2024 Dec.
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Minimal Access vs Conventional Nipple-Sparing Mastectomy.
JAMA Surg. 2024 Oct 1;159(10):1177-1186. doi: 10.1001/jamasurg.2024.2977.
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Breast Cancer Res. 2024 Jul 31;26(1):120. doi: 10.1186/s13058-024-01874-x.
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Selective Avoidance of Sentinel Lymph Node Biopsy after Neoadjuvant Chemotherapy in Human Epidermal Growth Factor 2-Positive/Triple-Negative Breast Cancer Patients with Excellent Response.

J Breast Cancer. 2024 Apr;27(2):130-140. doi: 10.4048/jbc.2023.0264.

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Bae SJ, Chun JW, Lee SB, Ryu JM, Nam SJ, Jeong J, Park HS, Ahn SG.

Outcomes of Sentinel Node Biopsy According to MRI Response in an Association with the Subtypes in cN1-3 Breast Cancer after Neoadjuvant Systemic Therapy, Multicenter Cohort Study.

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A simplified risk scoring system for predicting high-risk groups in gene expression tests for patients with estrogen receptor-positive, human epidermal growth factor receptor 2-negative, and node-positive breast cancer.

Ann Surg Treat Res. 2023 Dec;105(6):360-368. doi: 10.4174/astr.2023.105.6.360. Epub 2023 Nov 29.

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Lymphovascular invasion is an independent prognostic factor in breast cancer irrespective of axillary node metastasis and molecular subtypes.

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Distinct Prognosis of Minimal Residual Disease According to Breast Cancer Subtype in Patients with Breast or Nodal Pathologic Complete Response After Neoadjuvant Chemotherapy.

Ann Surg Oncol. 2023 Nov;30(12):7060-7068. doi: 10.1245/s10434-023-13938-x. Epub 2023 Aug 3.
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Ryu JM, Lee J, Lee J, Ko B, Kim JH, Shin H, Park HS; Korea Robot-endoscopy Minimal Access Breast Surgery Study Group (KoREa-BSG).
Mastectomy with Reconstruction Including Robotic Endoscopic Surgery (MARRES): a prospective cohort study of the Korea Robot-Endoscopy Minimal Access Breast Surgery Study Group (KoREa-BSG) and Korean Breast Cancer Study Group (KBCSG).
BMC Cancer. 2023 Jun 21;23(1):571. doi: 10.1186/s12885-023-10978-0.
PMID: 37344780

Ahn JH, Go J, Lee SJ, Kim JY, Park HS, Kim SI, Park BW, Park VY, Yoon JH, Kim MJ, Park S.

Changes in Automated Mammographic Breast Density Can Predict Pathological Response After Neoadjuvant Chemotherapy in Breast Cancer.
Korean J Radiol. 2023 May;24(5):384-394. doi: 10.3348/kjr.2022.0629.
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Ahn JH, Park JM, Choi SB, Go J, Lee J, Kim JY, Park HS.
Early Experience of Robotic Axillary Lymph Node Dissection in Patients with Node-positive Breast Cancer.
Breast Cancer Res Treat. 2023 Apr;198(3):405-412. doi: 10.1007/s10549-022-06760-8.
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PMID: 36418519

Toesca A, Park HS, Ryu JM, Kim YJ, Lee J, Sangalli C, Maisonneuve P, Marrazzo E, Pozzi G, Gazzetta G, Montemurro F, Corso G, Lissidini G, Caldarella P, Mazzotta E, Massari G, Veronesi P.
Robot-assisted mastectomy: next major advance in breast cancer surgery.
Br J Surg. 2023 Mar 30;110(4):502-503. doi: 10.1093/bjs/znad006.
PMID: 36708043

Kim CG, Kim MH, Kim JH, Kim SG, Kim GM, Kim TY, Ryu WJ, Kim JY, Park HS, Park S, Cho YU, Park BW, Kim SI, Jeong J, Sohn J.
On-treatment derived neutrophil-to-lymphocyte ratio and survival with palbociclib and endocrine treatment: analysis of a multicenter retrospective cohort and the PALOMA-2/3 study with immune correlates.
Breast Cancer Res. 2023 Jan 12;25(1):4. doi: 10.1186/s13058-022-01601-4.
PMID: 36635767

Min J, Yu YW, Lee J, Yeon S, Park HN, Lee JS, Courneya KS, Park HS, Kim SI, Jeon JY.
Application of the theory of planned behavior to understand physical activity intentions and behavior among Korean breast cancer survivors.
Support Care Cancer. 2022 Nov;30(11):8885-8893. doi: 10.1007/s00520-022-07258-1.
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Park HS, Lee J, Lai HW, Park JM, Ryu JM, Lee JE, Kim JY, Marrazzo E, De Scalzi AM, Corso G, Montemurro F, Gazzetta G, Pozzi G, Toesca A.
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Ann Surg Oncol. 2022 Oct;29(11):6658-6659. doi: 10.1245/s10434-022-12075-1. Epub 2022 May 18.
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with invasive ductal carcinoma of the breast.

Yonsei Med J. 2010 Nov;51(6):864-9. doi: 10.3349/ymj.2010.51.6.864.

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LEE JH, PARK S, PARK HS, PARK BW.

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BW PARK, HS PARK.

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Expression of androgen receptors in primary breast cancer.

Ann Oncol. 2010 Mar;21(3):488-92. doi: 10.1093/annonc/mdp510. Epub 2009 Nov 3.

PMID:19887463

Teaching Experience

Yonsei University Health System

2021 – present Member of the CDP2023 project, Yonsei University College of Medicine

2012- present OSCE/CPX lecture, Yonsei University College of Medicine

2012-present Intern Mentor Program, Severance Hospital

2013-present Resident Mentor Program, Department of Surgery, Yonsei University College of Medicine

2017-2019 Vice chair of training committee, Department of Surgery, Yonsei University College of Medicine

Funds, Awards, or Grants received

Ministry of Health & Welfare Fund, research title: Comparative analyses of Economic Evaluation of Breast Cancer Surgery using multicenter database. 2025

Dawoomire Co., Ltd. Fund, research title: A Study on the Utility of Energy Ligating Devices in Robotic Endoscopic Surgery. 2025

Tebah Korea Fund, research title: Surgical Skill Labs of Robotic Mastectomy Using Cadaver for Evaluating Role of the ONE port. 2025

Hanlim Pharm. Co., Ltd. Fund, research title: Surgical Skill Labs of Robotic Mastectomy Using Cadaver for Evaluating Role of Luminomark. 2025

Hanlim Pharm. Co., Ltd. Fund, research title: MEthods for LOfcalization of Different types of breast lesions (MELODY). 2024

Boryung Co., Ltd. Fund, research title: Correlation between the use of anastrozole in the window of opportunity and the result of multigene assay & Establishment of patient-derived preclinical models in breast cancer. 2024

Lee Yong-pyo Academic Award 2023, Yonsei University College of Medicine

Intuitive Surgical Korea Ltd. Fund, research title: A Prospective Multicenter Randomized Clinical Trial: Robot-assisted vs. Open nipple-sparing Mastectomy with Immediate Breast Reconstruction (ROM) trial. 2022

National Research Foundation of Korea Fund, research title: Development of Deep Learning Model for Guiding Breast Surgery using Data from Prospective Clinical Trials. 2022

Outstanding Faculty for Referral Collaboration, 2022, Severance Hospital

Korea Evaluation Institute of Industrial Technology Fund, research title: Clinical application and practical validation of 3D printed, patient-customized surgical guide to the surgeries of breast cancer, renal cancer, skin cancer, and reconstruction of aorta. 2021

Korea Evaluation Institute of Industrial Technology Fund, research title: Clinical application and practical validation of 3D printed, patient-customized surgical guide to the surgeries of breast cancer, renal cancer, skin cancer, and reconstruction of aorta. 2020

MediTip, Inc. Fund, research title: A prospective, multi-center, randomized, single blind, parallel, exploratory comparative clinical trial study to assess wound healing effect and safety of MTHG0808 and Collatamp®G apply to modified radical mastectomy. 2020

Intuitive Surgical Operations, Inc. Fund, research title: A multi-center study analyzing surgical outcomes of robot-assisted nipple-sparing mastectomy with immediate reconstruction compared to conventional nipple-sparing mastectomy with immediate reconstruction. 2020

Inseok Award (Best teaching award) 2019, Yonsei University College of Medicine

Excellence of Clinical Professor 2019, Severance Hospital

A good poster presentation award, 2019, GBCC, Incheon

AZ-KHIDI oncology research grant winner 2017

Outstanding Faculty for Referral Collaboration, 2017, Severance Hospital

Coviden Research Fund, A prospective randomized study comparing surgery using electrosurgical bipolar sealing devices and surgery using conventional electro-cautery, 2017

Korea Breast Cancer Foundation Fund, research title: Re-classification of germline variant of unknown significance of susceptibility genes related to hereditary breast cancer in Korean population, 2016,

The National Research Foundation of Korea, Development of Germline multigene panel and HORMAD1 overexpression anaysis in triple negative breast cancer, 2016

Korea Breast Cancer Foundation Fund, research title: RANKL/OPG expression in patients with breast cancer

Avon Foundation-AACR International Scholar-in-Training Grant: 34th San Antonio Breast Cancer Symposium 2011

Korea Breast Cancer Foundation Fund, research title: BRCA 1/2 mutation test using next-generation gene sequencing

Major Presentation (2016-Present)

2026 16th ASAN Medical Center Robotic Surgery Symposium, Main Auditorium (6F), East Building on Feb 21

2026 1st ESSO-KBCS Minimally Invasive Breast Surgery (MIBS) Masterclass and Workshop, co-chair at Cleveland Clinic Abu Dhabi on Jan 08-09

2025 San Antonio Breast Cancer Symposium (SABCS 2025), Henry B. Gonzalez Convention Center, San Antonio, TX on Dec 9-12

2025 Severance Surgery Symposium 2025(SSS2025), Yuhan Hall, 1F, Avison Biomedical Research Center (ABMRC), Yonsei University College of Medicine on Oct 26

2025 Chang Gung Medical Week, Chang Gung Surgical Training Academy and Research

Center on Oct 16 to 19

- 2025 The 7th Korea Robot-Endoscopic Minimal Access Breast Surgery Study Group (KoREa-BSG) Symposium, Yonsei Cancer Center on SEP 6
- 2025 5th Huaxi Endoscopic/Robotic Breast Surgery Annual Meeting 2025 & 1st CBM Conference, Shiwai Taoyuan Hotel in Chengdu, China on Aug 29 to 31
- 2025 Royal Australasian College of Surgeons Annual Scientific Congress 2025 (RACS ASC 2025), International Convention Centre, Sydney, Australia on MAY 3-6
- 2025 American Association for Cancer Research AACR Annual Meeting 2025, McCormick Place Convention Center Chicago, IL on APR 25-30
- 2024 International Endoscopic & Robotic Breast Surgery Symposium (IERBS 2024) on DEC 29
- 2024 '2024 Breast Conference' hosted by the First Affiliated Hospital of Zhengzhou University, China on NOV 26 (online)
- 2024 12th Annual The Robotic Assisted Microsurgical & Endoscopic Society (RAMSES) on NOV 8
- 2024 Annual Congress of KSS 2024 & 76th Congress of the Korean Surgical Society (ACKSS 2024) on NOV 1
- 2024 Asian Breast Surgery Forum : an Echo Program on OCT 30
- 2024 14th Seoul St.Mary's Hospital Symposium on Robot Surgery Center on OCT 25
- 2024 The Autumn Symposium of the Korean Society of Surgical Oncology on SEP 21
- 2024 School of Breast Disease on AUG 24-25
- 2024 The 32nd Annual Meeting of the Japanese Breast Cancer Society on JUL 11-13
- 2024 Symposium of The Korean Association of Robotic Surgeons on MAY 9-10
- 2024 Global Breast Cancer Conference 2024 (GBCC 2024) in conjunction with International Endoscopic & Robotic Breast Surgery Symposium (IERBS 2024) on APR 25-27
- 2024 The Spring Symposium of the Korean Surgical Skill Study Group & the 32th Educational Workshop on Surgical Skill on MAR 9
- 2024 Seoul International Symposium of Surgical Oncology 2024 (SISSO 2024) on FEB 23-24
- 2023 TOPBS (Taiwan Oncoplastic Breast Surgery Society) 2023 Annual Conference on NOV 25-26
- 2023 Annual Congress of KSS 2023 & 75th Congress of the Korean Surgical Society (ACKSS 2023) on NOV 2-4
- 2023 The Autumn Symposium of the Korean Surgical Skill Study Group & the 31th Educational Workshop on Surgical Skill on OCT 7
- 2023 The 16th Thai Breast Symposium on AUG 9-11
- 2023 The 52nd Congress of KSERS & 13th International Symposium (KSERS 2023) on APR 27-29
- 2023 SSO 2023 – International Conference on Surgical Cancer Care on MAR 22-25
- 2023 Seoul International Symposium of Surgical Oncology 2023 (SISSO 2023) on FEB 10-11
- 2022 TOPBS (Taiwan Oncoplastic Breast Surgery Society) 2022 Annual Meeting on DEC 3-4
- 2022 Korean Society of Surgical Oncology(KSSO) 'The 4th Fluorescent Surgery Study Group Webinar (2022)' on NOV 15
- 2022 Annual Congress of KSS 2022 & 74th Congress of The Korean Surgical Society (ACKSS 2022) on NOV 3-5

2022 WCES 2022 (18th World Congress of Endoscopic Surgery) on OCT 5-8
 2022 The 4th Korea Robot-Endoscopic Minimal Access Breast Surgery Study Group (KoREa-BSG) Symposium on SEP 17-18
 2022 5th Busan Breast Forum on AUG 28
 2022 CIBEC (Catholic International Bioskills Education Center) WEEK on JUN 19
 2022 The Spring Conference of the Korean Innovative Medical Technology Society (KIMTEC) on MAY 20
 2022 Symposium of The Korean Association of Robotic Surgeons on MAY 13-14
 2022 The 50th Congress of KSELS & 12th International Symposium (KSELS 2022) on APR 28-30
 2022 Global Breast Cancer Conference 2022 (GBCC) on APR 28-30
 2022 1st Medtronic & Samsung medical Center Breast Cadevaric Workshop on APR 2-3
 2021 Seoul Breast Meeting on DEC 12
 2021 The 3rd Korea Robot-Endoscopy Minimal Access Breast Surgery Study Group (KoREa-BSG) Symposium on NOV 27
 2021 Korean Society of Plastic and Reconstructive Surgeons (KSPRS) on NOV 12-14
 Controversies in Robot Assisted nipple-sparing mastectomy (the Severance perspectives).
 2021 The 2nd half Congress of the 73rd Korean on NOV 4-6
 Breast cancer – management of lymph node metastasis according to the level.
 2021 Global Breast Cancer Conference 2021 (GBCC) on APR 8-10
 Robotic Mastectomy in Korea
 2020 Annual Congress of KSS 2020 72nd Congress of The Korean Surgical Society on NOV 05-07
 2020 Global Breast Cancer Conference 2020 (GBCC) on APR 09-11
 Robotic Mastectomy in Korea
 2020 Seoul International Symposium of Surgical Oncology 2020 (SISSO)
 Surgical oncologist for one and all cancer patients on FEB 21-22
 Recent trend of endoscopic breast surgery and robot-assisted mastectomy
 2020 Academy of Breast Clinicians(ABC) on JAN 11-12
 Survival English Writing for Scientific Publication
 2019 International Endoscopic & Robotic Breast Surgery Symposium on MAY 24 – 25
 Gas vs Gasless Robotic Mastectomy experience from South Korea:
 Future of R-NSM?
 The initial experience of Robotic Mastectomy with the da Vinci SP system
 Consensus statement of Robotic Mastectomy from world leading experts
 2019 GBCC: Risk reduction strategies for women with pathogenic variants in multigene panel tests
 2018 GBCC: Clinical implication of ESR1 gene mutation
 2017 Global Breast Cancer Conference (GBCC): Hereditary Breast Cancer Session
 2017 Hereditary Breast Cancer Symposium
 2016 Hereditary Breast Cancer Symposium
 2016 KOHBRA meeting
 2016 School of Breast disease
 2016 The 3rd Genetic Counseling Symposium of Korean Society of Medical Genetics
 2016 SABCS: poster presentation

Societies/Memberships

Korean Surgical Society

Korean Breast Cancer Society

Korea Robot-Endoscopy & Minimal Access Breast Surgery Study Group (KoREa-BSG)

Patent

Number: 10-2226485

Title: Method for Producing Xenograft Model Derived from a Patient of Breast Cancer

Number: 10-2416005

Title: Apparatus and Method for Cutting and Retrieving Breast Specimen

Number: 10-2688674 (PCT/KR2023/002909)

Title: Device for Cutting Specimen

Number: 10-2494673

Title: Apparatus and Method for Cutting and Retrieving Breast Specimen

Number: 10-2023-0179279

Title: A Retractor Mounting Device for Surgery

Number: 10-2024-0051353

Title: Method for Providing Information of Organoid and Device for Providing Information Organoid Using the Same

Number: 10-2747094

Title: Device for Cutting Specimen

Number: 18/976,412 (USA)

Title: Retractor Mounting Device for Surgery

Number: 10-2025-0176358

Title: ELECTRONIC APPARATUS FOR EXTRACTING A DISSECTION PLANE FROM SURGICAL IMAGE AND CONTROL METHOD THEREOF

Number: 10-2026-0020777

Title: Apparatus for Cutting and Retrieving Breast Specimen

Signature: _____

Date: _____