

CURRICULUM VITAE

PERSONAL DATA

Name : Jin Wook Yi
Date of Birth : 01st January 1983
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Nationality : Republic of Korea



EDUCATION

2001.3 - 2003.2 Premedical College of Chonbuk National University, Jeonju-si, Jeollabuk-do, Korea
2003.3 - 2007.2 School of Medicine, Chonbuk National University, Jeonju-si, Jeollabuk-do, Korea
2011.9 - 2016.8 Graduate School, Seoul National University College of Medicine, Seoul, Korea
(Master's degree)
2016.9 - 2018.8 Graduate School, Seoul National University College of Medicine, Seoul, Korea (Ph.D.)

DIPLOMA

2016.8.31. Master of Science in Medicine, Seoul National University College of Medicine
2023.1.31. Doctor of Philosophy (Ph.D.), Seoul National University College of Medicine

MEDICAL LICENSE

2007.3 Korean License to Practice Medicine & Surgery (#93971)
2012.3 Korean Board of General Surgery (#6900)
2014.8 Certified Physician in BioMedical Informatics (#042)

TRAINING

2007.3 - 2008.2 Internship, Chonbuk National University, Jeonju-si, Jeollabuk-do, Korea
2008.3 - 2012.2 Resident, Department of Surgery, Seoul National University, Seoul, Korea
2011.6 - 2011.7 Oversea Resident Program, Department of Surgery, Massachusetts General Hospital,
Boston, MA. (Mentor: Prof. Sareh Parangi)
2013.11 - 2014.8 Certified Physician in BioMedical Informatics Training course by the Korean Society
of Medical Informatics

- 2016.1 - 2016.1 Oversea Short-term Fellowship Program, Kuma hospital, Kobe, Japan
 2016.7 - 2016.7 Transoral thyroid surgery course, Police General Hospital, Bangkok, Thailand.

MILITARY SERVICE

- 2012.4 - 2015.4 Public health care physician, alternative military duty.

FELLOWSHIP

- 2015.5 - 2017.2 Clinical Fellow, Department of Surgery, Seoul National University Hospital, Seoul, Korea

ACADEMIC APPOINTMENTS

- 2017.3 - 2018.8 Clinical Assistant Professor, Department of Surgery, Seoul National University Hospital, Seoul, Korea
 2018.9 - 2020.2 Clinical Assistant Professor, Department of Surgery, Inha University Hospital, Incheon, Korea
 2020.3 – present Assistant Professor, Department of Surgery, Inha University College of Medicine & Inha University Hospital, Incheon, Korea
 2020.9 – present Chief of Breast & Endocrine Center, Inha University Hospital, Incheon, Korea.
 2022.9 – present Chief of Robot Surgery Center, Inha University Hospital, Incheon, Korea.

AWARDS AND HONORS

- 2014.8.30 Best Research Award in CPBMI course, Korean Society of Medical Informatics
 2014.8.30 The First Prize in CPBMI course, Korean Society of Medical Informatics
 2016.11.5 Best Investigator Award, Korean Surgical Society
 2018.3.10 Fujimoto Prize The Second Winner, 16th Biennial Congress of the Asian Association of Endocrine Surgeons
 2018.5.12 Research Award, Korean Association of Thyroid and Endocrine Surgeons
 2022.8.20 Basic Medical Research Award, Korean Thyroid Association

INTERNATIONAL LIVE SURGERY WORKSHOP TUTOR

- 2017.9.6-9.9 Live surgery of transoral endoscopic thyroidectomy in 13th Post Graduate Course in Endocrine Surgery & International Workshop in Aesthetic Thyroid Surgery, India
 2018.1.20-1.24 Live surgery of transoral endoscopic thyroidectomy in Aversi Clinic, Tbilisi, Georgia
 2018.5.18 Fresh cadaver workshop of transoral endoscopic thyroidectomy in PCAS, Philippine
 2018.6.30 1st TOETVA Clinical Immersion Program, Seoul, Korea
 2018.5.27-6.2 Live surgery of transoral endoscopic thyroidectomy in Aversi Clinic, Tbilisi, Georgia

2018.8.15-8.19 Live surgery of transoral endoscopic thyroidectomy in Aversi Clinic, Tbilisi, Georgia
2018.12.13 - 14 2nd TOETVA Clinical Immersion Program in IUH, Incheon, Korea
2019.5.6-5.10 Live surgery of transoral endoscopic thyroidectomy in Aversi Clinic, Tbilisi, Georgia
2019.7.12 Live surgery of transoral endoscopic thyroidectomy, Cebu Doctor's University Hospital, Cebu, Philippine
2019.12.10 – 13 Live surgery of transoral endoscopic thyroidectomy in Aversi Clinic, Tbilisi, Georgia
2022.5.16 – 20 Live surgery of transoral endoscopic thyroidectomy and laparoscopic adrenalectomy in Aversi Clinic, Tbilisi, Georgia
2022.10.24 – 28 Live surgery of transoral endoscopic thyroidectomy and laparoscopic adrenalectomy in Aversi Clinic, Tbilisi, Georgia

PUBLICATION (English)

1. **Yi JW***, Lee TG*, Lee HS, Heo SC, Jeong SY, Park KJ, Kang SB. Apical-node metastasis in sigmoid colon or rectal cancer: is it a factor that indicates a poor prognosis after high ligation? *Int J Colorectal Dis.* 2012 Jan;27(1):81-7. * : co-1st author
2. **Yi JW**, Oh EM, Lee KE, Choi JY, Koo do H, Kim KJ, Jung KC, Kim SY, Youn YK. An exclusively dopamine secreting paraganglioma in the retroperitoneum: a first clinical case in Korea. *J Korean Surg Soc.* 2012 Jun;82(6):389-93.
3. **Yi JW**, Lee KE, Kim YH, Youn YK. Helicopter patient transportation service on the Ulleung Island, South Korea. *Air Med J.* 2014 Nov-Dec;33(6):314-9.
4. Chai YJ, Kim YA, Jee HG, **Yi JW**, Jang BG, Lee KE, Park YJ, Youn YK. Expression of the embryonic morphogen Nodal in differentiated thyroid carcinomas: Immunohistochemistry assay in tissue microarray and The Cancer Genome Atlas data analysis. *Surgery.* 2014 Dec;156(6):1559-67.
5. **Yi JW**, Park JY, Sung JY, Kwak SH, Yu J, Chang JH, Kim JH, Ha SY, Paik EK, Lee WS, Kim SJ, Lee KE, Kim JH. Genomic evidence of reactive oxygen species elevation in papillary thyroid carcinoma with Hashimoto thyroiditis. *Endocr J.* 2015 Oct 31;62(10):857-77.
6. Kim JY, Kang MH, You JY, Jee HG, **Yi JW**, Kim BH. Natural Head Postures of Patients With Facial Asymmetry in Frontal View Are Corrected After Orthognathic Surgeries. *J Oral Maxillofac Surg.* 2016 Feb;74(2):392-8.

7. Chai YJ, Suh H, **Yi JW**, Yu HW, Lee JH, Kim SJ, Won JK, Lee KE. Factors associated with the sensitivity of fine-needle aspiration cytology for the diagnosis of follicular variant papillary thyroid carcinoma. *Head Neck*. 2016 Apr;38 Suppl 1:E1467-71.
8. Kwon H, **Yi JW**, Song RY, Chai YJ, Kim SJ, Choi JY, Lee KE. Comparison of Bilateral Axillo-Breast Approach Robotic Thyroidectomy with Open Thyroidectomy for Graves' Disease. *World J Surg*. 2016 Mar;40(3):498-504.
9. Park JY, **Yi JW**, Park CH, Lim Y, Lee KH, Lee KE, Kim JH. Role of BRAF and RAS Mutations in Extrathyroidal Extension in Papillary Thyroid Cancer. *Cancer Genomics Proteomics*. 2016 Mar-Apr;13(2):171-81.
10. Chai YJ*, **Yi JW***, Jee HG, Kim YA, Kim JH, Xing M, Lee KE. Significance of the BRAF mRNA Expression Level in Papillary Thyroid Carcinoma. *PLoS One*. 2016 Jul 13;11(7):e0159235. * : co-1st author
11. Yu HW, Chung JW, **Yi JW**, Song RY, Lee JH, Kwon H, Kim SJ, Chai YJ, Choi JY, Lee KE. Intraoperative localization of the parathyroid glands with indocyanine green and Firefly(R) technology during BABA robotic thyroidectomy. *Surg Endosc*. 2017 Jul;31(7):3020-3027.
12. Chai YJ*, **Yi JW***, Oh SW, Kim YA, Yi KH, Kim JH, Lee KE . Upregulation of SLC2 (GLUT) family genes is related to poor survival outcomes in papillary thyroid carcinoma. *Surgery*. 2017 Jan;161(1):188-194. * : co-1st author
13. Kim BA*, Jee HG*, **Yi JW***, Kim SJ, Chai YJ, Choi JY, Lee KE. Expression Profiling of a Human Thyroid Cell Line Stably Expressing the BRAF^{V600E} Mutation. *Cancer Genomics Proteomics*. 2017 Jan 2;14(1):53-67. * : co-1st author
14. **Yi JW**, Kim SJ, Kim JK, Seong CY, Yu HW, Chai YJ, Choi JY, Lee KE. Upregulation of the ESR1 Gene and ESR Ratio (ESR1/ESR2) is Associated with a Worse Prognosis in Papillary Thyroid Carcinoma. *Ann Surg Oncol*. 2017 Nov;24(12):3754-3762.
15. Choi JY*, **Yi JW***, Lee JH, Song RY, Yu HW, Kwon H, Chai YJ, Kim SJ, Lee KE. VDR mRNA overexpression is associated with worse prognostic factors in papillary thyroid carcinoma. *Endocr Connect*. *Endocr Connect*. 2017 Apr;6(3):172-178. * : co-1st author

16. Yoon SG, **Yi JW**, Seong CY, Kim JK, Kim SJ, Chai YJ, Choi JY, Lee KE. Clinical characteristics of papillary thyroid carcinoma arising from the pyramidal lobe. *Ann Surg Treat Res.* 2017 Mar;92(3):123-128.
17. Lee JH, Hwang Y, Song RY, **Yi JW**, Yu HW, Kim SJ, Chai YJ, Choi JY, Lee KE, Park SK. Relationship between iodine levels and papillary thyroid carcinoma: A systematic review and meta-analysis. *Head Neck.* 2017 Aug;39(8):1711-1718.
18. Lee JH, Suh YJ, Song RY, **Yi JW**, Yu HW, Kwon H, Choi JY, Lee KE. Preoperative flap-site injection with ropivacaine and epinephrine in BABA robotic and endoscopic thyroidectomy safely reduces postoperative pain: A CONSORT-compliant double-blinded randomized controlled study (PAIN-BREKOR trial). *Medicine (Baltimore).* 2017 Jun;96(22):e6896.
19. Han EC, Ryoo SB, Park JW, **Yi JW**, Oh HK, Choe EK, Ha HK, Park BK, Moon SH, Jeong SY, Park KJ. Oncologic and surgical outcomes in colorectal cancer patients with liver cirrhosis: A propensity-matched study. *PLoS One.* 2017 Jun 6;12(6):e0178920.
20. Kim H, Yu HW, Bae IE, **Yi JW**, Lee JH, Kim SJ, Chai YJ, Choi JY, Lee KE. Prediction of Transient and Permanent Hypoparathyroidism after Total Thyroidectomy Using the Postoperative Serum Parathyroid Hormone Test: When Is the Best Time to Check? *J Endocr Surg.* 2017 Sep;17(3):104-113.
21. Yu HW, **Yi JW**, Seong CY, Kim JK, Bae IE, Kwon H, Chai YJ, Kim SJ, Choi JY, Lee KE. Development of a surgical training model for bilateral axillo-breast approach robotic thyroidectomy. *Surg Endosc.* 2018 Mar;32(3):1360-1367.
22. Lee JH, Song RY, **Yi JW**, Yu HW, Kwon H, Kim SJ, Chai YJ, Choi JY, Moon JH, Lee KE, Park YJ, Park SK. Case-Control Study of Papillary Thyroid Carcinoma on Urinary and Dietary Iodine Status in South Korea. *World J Surg.* 2018 May;42(5):1424-1431.
23. Choi JY, Yu HW, Bae IE, Kim JK, Seong CY, **Yi JW**, Chai YJ, Kim SJ, Lee KE. Novel method to save the parathyroid gland during thyroidectomy: Subcapsular saline injection. *Head Neck.* 2018 Apr;40(4):801-807.
24. Kim JK, Seong CY, Bae IE, **Yi JW**, Yu HW, Kim SJ, Won JK, Chai YJ, Choi JY, Lee KE. Comparison of Immunohistochemistry and Direct Sequencing Methods for Identification of the BRAF^{V600E} Mutation in Papillary Thyroid Carcinoma. 2018 Jun;25(6):1775-1781.

25. Choe EK*, **Yi JW***, Chai YJ, Park KJ. Upregulation of the adipokine genes ADIPOR1 and SPP1 is related to poor survival outcomes in colorectal cancer. *Journal of Surgical Oncology*. 2018 Jun;117(8):1833-1840. * : co-1st author
26. **Yi JW**, Kang HY, Kim SJ, Seong CY, Chai YJ, Choi JY, Seong MW, Lee KE, Park SS. A Novel RET D898Y Germline Mutation in a Patient with Pheochromocytoma. *Case Rep Endocrinol*. 2018 Apr 15;2018:8657914.
27. **Yi JW***, Yoon SG*, Kim HS, Yu HW, Kim SJ, Chai YJ, Choi JY, Lee KE. Transoral endoscopic surgery for papillary thyroid carcinoma: initial experiences of a single surgeon in South Korea. *Ann Surg Treat Res*. 2018 Aug;95(2):73-79. * : co-1st author
28. Yu HW, Bae IE, **Yi JW**, Lee JH, Kim SJ, Chai YJ, Choi JY, Lee KE. The application of subcapsular saline injection during bilateral axillo-breast approach robotic thyroidectomy: a preliminary report. *Surg Today*. 2019 May;49(5):420-426.
29. Lee D, Kong HJ, Kim D, **Yi JW**, Chai YJ, Lee KE, Kim HC. Preliminary study on application of augmented reality visualization in robotic thyroid surgery. *Ann Surg Treat Res*. 2018 Dec;95(6):297-302.
30. Lee D*, **Yi JW***, Hong J, Chai YJ, Kim HC, Kong HJ. Augmented Reality to Localize Individual Organ in Surgical Procedure. *Healthc Inform Res*. 2018 Oct;24(4):394-401. * : co-1st author
31. Yu HW, Bae IE, **Yi JW**, Lee JH, Kim SJ, Chai YJ, Choi JY, Lee KE. The application of subcapsular saline injection during bilateral axillo-breast approach robotic thyroidectomy: a preliminary report. *Surg Today*. 2019 May;49(5):420-426.
32. Ahn JH, **Yi JW**. Transoral endoscopic thyroidectomy for thyroid carcinoma: outcomes and surgical completeness in 150 single-surgeon cases. *Surg Endosc*. 2020 Feb;34(2):861-867.
33. Yoon HJ, Ahn JH, Kim JH, **Yi JW**, Hur MH. Initial Experience of BABA Robotic Thyroidectomy Using the Da Vinci Xi System in Incheon, Korea. *J Endocr Surg*. 2019 Sep;19(3):59-67.
34. **Yi JW**, Kim SJ, Lee KE. Evaluation of the efficacy of postoperative antibiotic treatment in transoral endoscopic thyroidectomy: a prospective randomised controlled trial. *Br J Oral Maxillofac Surg*. 2020 Apr;58(3):334-340

35. Kim M, Kim SJ, Xu Z, Ha SY, Byeon JH, Kang EJ, Shin SH, Yoo SK, Jee HG, Yoon SG, **Yi JW**, Bae JM, Yu HW, Chai YJ, Cho SW, Choi JY, Lee KE, Han W. *BRAF*^{V600E} Transduction of an SV40-Immortalized Normal Human Thyroid Cell Line Induces Dedifferentiated Thyroid Carcinogenesis in a Mouse Xenograft Model. *Thyroid*. 2020 Apr;30(4):487-500.
36. Hong YT, Ahn JH, Kim JH, **Yi JW**, Hong KH. Bi-institutional experience of transoral endoscopic thyroidectomy: Challenges and outcomes. *Head Neck*. 2020 Aug;42(8):2115-2122.
37. Yang SC, Ahn JH, Kim JH, **Yi JW**, Hur MH, Lee KY. Comparison of the vessel sealer Extend® with harmonic ACE® in robotic bilateral axillary-breast approach thyroid surgery. *Gland Surg*. 2020 Apr;9(2):164-171.
38. Ahn JH, Kim JH, **Yi JW**, Hur MH. Comparison between the 4K ultra-high definition (UHD) and high definition (HD) endoscopic systems for transoral endoscopic thyroidectomy. *Gland Surg*. 2020 Apr;9(2):229-237
39. Choi JY, Bae IE, Kim HS, Yoon SG, **Yi JW**, Yu HW, Kim SJ, Chai YJ, Lee KE, Youn YK. Comparative study of bilateral axillo-breast approach endoscopic and robotic thyroidectomy: propensity score matching analysis of large multi-institutional data. *Ann Surg Treat Res*. 2020 Jun;98(6):307-314.
40. Jung JC, Giorgi Chantladze, Vladimer Kharebadze, Ahn JH, Kim JH, **Yi JW**, Edisher Sikharulidze. Initial Experience of Endoscopic Thyroidectomy Using Bilateral Axillary Breast and Transoral Vestibular Approach in Georgia. *Journal of Minimally Invasive Surgery* 2020; 23(3): 126-133.
41. Ryu HB, Ahn JH, Kim JH, Choi SW, Choi YS, **Yi JW**. Harmonic versus LigaSure for Flap Creation in Bilateral Axillary Breast Approach Thyroid Surgery. *J Endocr Surg J Endocr Surg*. 2020;20(4):69-77.
42. Choi JY, Bae IE, Kim HS, Yoon SG, **Yi JW**, Yu HW, Kim SJ, Chai YJ, Lee KE, Youn YK. Comparative study of bilateral axillo-breast approach endoscopic and robotic thyroidectomy: propensity score matching analysis of large multi-institutional data. *Ann Surg Treat Res*. 2020 Jun;98(6):307-314.
43. Choi YS, Hong YT, **Yi JW**. Initial Experience with Robotic Modified Radical Neck Dissection Using the da Vinci Xi System through the Bilateral Axillary Breast Approach. *Clin Exp Otorhinolaryngol*. 2021 Feb;14(1):137-144.

44. Chand G, **Yi JW**, Johri G. Robotic thyroid surgery using bilateral axillo-breast approach: From a trainees' point of view. *J Minim Access Surg.* 2021 Apr-Jun;17(2):230-235.
45. Kwon JH, **Yi JW**. Correlation between telomerase reverse transcriptase messenger RNA expression and survival of patients with papillary thyroid carcinoma. *Surgery.* 2021, 169: 43-39.
46. Choi YS, Hong YT, **Yi JW**. Initial Experience with Robotic Modified Radical Neck Dissection Using the da Vinci Xi System through the Bilateral Axillary Breast Approach. *Clin Exp Otorhinolaryngol.* 2021 Feb;14(1):137-144.
47. Choi YS, Heo YS, **Yi JW**. Clinical Characteristics of Primary Repair for Perforated Peptic Ulcer: 10-Year Experience in a Single Center. *J Clin Med.* 2021 Apr 20;10(8):1790.
48. Choi YS, Choi SW, **Yi JW**. Prospective Analysis of TERT Promoter Mutations in Papillary Thyroid Carcinoma at a Single Institution. *J Clin Med.* 2021 May 18;10(10):2179.
49. Choi YS, Joo HJ, Ahn JH, Kong HJ, **Yi JW**. Forearm Muscle Activity Patterns during Open Thyroidectomy Using 8-Channel Surface Electromyography. *J Endocr Surg.* 2021 Mar;21(1):27-37.
50. Single Surgeon Experience with 500 Cases of the Robotic Bilateral Axillary Breast Approach (BABA) for Thyroid Surgery Using the Da-Vinci Xi System. Choi YS, Shin WY, **Yi JW**. *J Clin Med.* 2021 Sep 7;10(18):4048.
51. Ahn JH, Kwak JH, Yoon SG, **Yi JW**, Yu HW, Kwon H, Kim SJ, Lee KE. A prospective randomized controlled trial to assess the efficacy and safety of prophylactic central compartment lymph node dissection in papillary thyroid carcinoma. *Surgery.* 2022 Jan;171(1):182-189.
52. **Yi JW**, Ha SY, Jee HG, Kim K, Kim SJ, Chai YJ, Choi JY, Lee KE. Induction of BRAF^{V600E} Mutation in Thyroid Cells Leads to Frequent Hypermethylation. *Clin Exp Otorhinolaryngol.* 2022;15(3):273-282.
53. Choi YS*, **Yi JW***, Chung CTY, Shin WY, Choi SK, Heo YS. Clinical Experience of Emergency Appendectomy under the COVID-19 Pandemic in a Single Institution in South Korea. *Medicina (Kaunas).* 2022 Jun 9;58(6):783. * : co-1st author

54. Ahn JH, Yoon SG, **Yi JW**, Kim SJ, Lee KE. Anti-adhesive effect and safety of a thermosensitive adhesion barrier (Mediclore) for thyroid surgery: a double-blinded randomized controlled trial. *Ann Surg Treat Res.* 2022 Jun;102(6):313-322.
55. Choi YS, **Yi JW**, Shin WY, Heo Y. Oncometabolic surgery in gastric cancer patients with type 2 diabetes. *Sci Rep.* 2022 Jul 13;12(1):11853
56. Kim SH, Ahn JH, Yoon HJ, Kim JH, Hwang YM, Choi YS, **Yi JW**. Effect of a Polyglycolic Acid Mesh Sheet (Neoveil™) in Thyroid Cancer Surgery: A Prospective Randomized Controlled Trial. *Cancers (Basel).* 2022 Aug 12;14(16):3901
57. Kim SH, Min E, Hwang YM, Choi YS, **Yi JW**. Impact of COVID-19 Pandemic on Thyroid Surgery in a University Hospital in South Korea. *Cancers (Basel).* 2022 Sep 5;14(17):4338.
58. Choi YS, Cha B, Kim SH, **Yi JW**, Kim KD, Choi MS, Heo YS. Clinical Characteristics of Symptomatic Cholecystitis in Post-Gastrectomy Patients: 11 Years of Experience in a Single Center. *Medicina (Kaunas).* 2022 Oct 14;58(10):1451.
59. Kim SH, Lee SY, Min EA, Hwang YM, Choi YS, **Yi JW**. Single-Center Experience of Parathyroidectomy Using Intraoperative Parathyroid Hormone Monitoring. *Medicina (Kaunas).* 2022 Oct 16;58(10):1464.
60. Choi YS, Lee JS, **Yi JW**. Comparative Analysis of Laparoscopic and Robotic Transperitoneal Adrenalectomy Performed at a Single Institution. *Medicina (Kaunas).* 2022;58(12):1747.