

Hoon Yub Kim, MD, PhD, FACS

- **Professor of Surgery, Korea University College of Medicine**
- **Director of Division of Breast and Endocrine Surgery,
Department of Surgery, Korea University Hospital**

Anam-Dong 5-Ga, Seongbuk-Gu, 136-705, Seoul, Republic of Korea

Tel : +82-2-920-6849,5978 Fax : +82-2-928-1631

e-mail : hoonyubkim@korea.ac.kr, hoonyubkim@gmail.com



- **Assistant Professor of Surgery, Tulane University School of Medicine**

1430 Tulane Ave., SL-22, New Orleans, LA 70112

Tel: +1-504-988-2307

Fax: +1-504-988-1882

e-mail: hoonyubkim@tulane.edu

Brief Biography

Dr. Hoon Yub Kim, M.D., Ph.D., is the endocrine surgeon who now serves as the professor of surgery in Korea University, Seoul, Korea. He graduated from Seoul National University Medical College, Seoul, Korea, to earn his M.D. and later his Ph.D., and was trained in Seoul National University Hospital, Seoul, Korea, as the full rotating intern and surgical resident to join the Board of Surgery in Korea. Before joining Korea University College of Medicine as the full-time faculty, he underwent endocrine surgery fellowship courses in Seoul National University Hospital and Korea University Hospital.

Nowadays, more than 90% of the patients in Dr. Kim's clinic are those who have thyroid cancers, suspicious malignant or indeterminate thyroid nodules, and those who suffer from hyperthyroidism such as Graves' disease or toxic thyroid nodule. The rest of his patients are those with adrenal tumors, and those with functional or morphological parathyroid diseases.

Dr. Kim's major academic interests for the research are the thyroid cancer and the related surgery, and in recent years, his research mainly focuses on the preservation of function of the laryngeal nerves with intraoperative neuromonitoring (IONM) during thyroid surgery, and development of robotic transoral thyroid surgery that might be referred as the NOTES (Natural Orifice Transluminal Endoscopic Surgery) for thyroid gland, which, in turn, enabled him to perform the successful robotic transoral thyroidectomy (TORT) in the real patient primarily in the world. With his endeavor and devotion, the obstacles and complications of TORT could be

overcome completely, and in turn, a lot of leading surgeons over the world are visiting him nowadays to observe and learn his procedures. More than 100 articles which he had authored have been published in the various peer-reviewed journals to date, and the number of the publication is rapidly increasing recently.

List of Training

2002.5 - 2003.2	Full rotating Internship Seoul National University Hospital, Seoul, Korea
2003.3 - 2007.2	Residency of Surgery Seoul National University Hospital, Seoul, Korea
2007.3 - 2008.2	Endocrine Surgery Fellowship Seoul National University Hospital, Seoul, Korea
2008.3 - 2009.2	Breast and Endocrine Surgery Fellowship Korea University Medical Center, Seoul, Korea

Certification

1999. 3	Korean License of Medical Doctor
2007. 3	Korean Board Certification of Surgery

Educational Background

1992.3 - 1998.2	M.D. and Bachelor in Medical Science College of Medicine, Seoul National University, Seoul, Korea
2005.9 - 2010.2	Ph.D. in Medical Science Graduate School of Seoul National University, Seoul, Korea (Director: Prof. Yeo Kyu Youn)

Employments

1999.5 - 2000.4	Chief & Public Health Doctor Cheongil Public Health Center, Hoengseong County, Province of Gangwon, Korea
2000.5 - 2002.4	Chief & Public Health Doctor Gonggeun Public Health Center, Hoengseong County, Province of Gangwon, Korea
2007.3 - 2008.2	Clinical Instructor Dept. of Surgery, College of Medicine, Seoul National University, Seoul, Korea , Seoul, Korea

2008.3 - 2009.2	Fellow Doctor Division of Breast and Endocrine Surgery, Dept. of Surgery, Korea University Medical College, Seoul, Korea
2009.3 – 2011.2	Clinical Assistant Professor Division of Breast and Endocrine Surgery, Dept. of Surgery, Korea University Medical College, Seoul, Korea Minimally Invasive Surgery and Robotic Surgery Center, Korea University Hospital, Seoul, Korea
2011.3 – 2013.2	Assistant Professor Division of Breast and Endocrine Surgery, Dept. of Surgery, Korea University Medical College, Seoul, Korea Minimally Invasive Surgery and Robotic Surgery Center, Korea University Hospital, Seoul, Korea
2013.3 – 2018.2	Associate Professor Division of Breast and Endocrine Surgery, Dept. of Surgery, Korea University Medical College, Seoul, Korea Minimally Invasive Surgery and Robotic Surgery Center, Korea University Hospital, Seoul, Korea
2015.3 – 2016.2	Research Professor and Faculty Division of Head and Neck Surgery, Dept. of Otolaryngology – Head and Neck Surgery, Johns Hopkins University School of Medicine, USA
2016.2 – Present	Chief Division of Breast and Endocrine Surgery, Dept. of Surgery, Korea University Hospital, Seoul, Korea
2017.3 – Present	Professor Division of Breast and Endocrine Surgery, Dept. of Surgery, Korea University Medical College, Seoul, Korea Minimally Invasive Surgery and Robotic Surgery Center, Korea University Hospital, Seoul, Korea
2019.10 – Present	Assistant Professor General, Endocrine and Oncological Surgery, Dept. of Surgery Tulane University School of Medicine, New Orleans, LA, USA

Membership

1999 - Present	Member, Korean Medical Association
2007 - Present	Member, Korean Surgical Society
2007 - Present	Member, Korean Association of Thyroid and Endocrine Surgeons
2007 - Present	Member, Korean Thyroid Association
2007 - Present	Member, Korean Breast Cancer Society
2008 - Present	Member, The Asia and Oceania Thyroid Association
2008 - Present	Member, Korean Society of Endoscopic and Laparoscopic Surgeons
2008 - Present	Member, Korean Society of Clinical Oncology
2010 - 2012	Executive Secretary of Academic Committee, Korean Association of Thyroid and Endocrine Surgeons
2010 - 2012	Vice Director of General Business Board, Korean Surgical Society
2011 - Present	Member, International Neural Monitoring Study Group
2013 - 2014	Executive Secretary of the Public Affairs Committee, Korean Surgical Society
2013 - 2015	Secretary General, Korean Association of Robotic Surgeons
2014 - Present	Executive Secretary of Education and Training Committee, Korean Association of Thyroid and Endocrine Surgeons
2014 - 2020	Director of Academic Committee, Korean Intraoperative Neural Monitoring Society
2015 - Present	Member, American Thyroid Association
2015 - 2017	Director of Publication Committee, Korean Association of Robotic Surgeons
2016- 2017	Editor-in-chief, Annals of Robotic and Innovative Surgery
2016 - 2020	Director of Publication and Editorial Service Committee, Korean Association of Thyroid and Endocrine Surgeons
2016 - 2017	Editor-in-chief, The Korean Journal of Endocrine Surgery
2016 - Present	Fellow of the American College of Surgeons (FACS)
2016 - Present	Editorial Board Member, Annals of Laparoscopic and Endoscopic Surgery
2016 - Present	Honorary Member, Chinese Neural Monitoring Study Group
2017 - 2020	Editor-in-chief, Journal of Endocrine Surgery (JES)
2018 - 2019	Member of Scientific Committee,

	Asian Society of Head and Neck Oncology
2018 - Present	Member, International Surgical Society (ISS)
2018 - Present	Member, International Association of Endocrine Surgeons (IAES)
2019 - Present	President, Minimally Invasive Robotic and Endoscopic Thyroidectomy(MIRET) Study Group
2019 – Present	Editorial Board Member, Otolaryngology-Head and Neck Surgery, the official journal of American Academy of Otolaryngology -Head and Neck Surgery
2020 – Present	Vice President, Korean Intraoperative Neural Monitoring Society
2020 – Present	Director of the Compilation Committee, The Korean Society of Endoscopic & Laparoscopic Surgeons
2020 – Present	Director of International Cooperation Committee, Korean Association of Thyroid and Endocrine Surgeons

Honors and Special Awards

2003. 3	Intern of the Year Seoul National University Hospital, Seoul, Korea
2010. 3	Researcher of the Year Korean Association of Endocrine Surgeons
2010. 8	Bukwang-Dalim Academic Reward Korean Thyroid Association
2012. 9.	Honorable scientific presentation award SLS(Society of Laparoendoscopic Surgeons)- MIRA(Minimally Invasive Robotic Association)- SRS(Society of Robotic Surgeons) Joint Annual Meeting & Endo Expo 2012, USA
2015. 7.	Best video presentation award 10 th International NOSCART(Natural Orifice Surgery Consortium for Assessment and Research) Summit: NOTES(Natural Orifice Transluminal Endoscopic Surgery) and Endoluminal Surgery, USA
2017. 5.	Pagoda (Seogtab) research award Korea University
2020. 8.	Clinical Research Award

Publications : Peer Reviewed Papers

1. **Kim HY**, Park DJ, Park HJ, Lee HJ, Yang HK, Kim WH, Lee KU, Choe KJ. Two Cases of Teenage Gastric Cancer Patients. J Korean Gastric Cancer Assoc. 2004 Sep;4(3):180-185.
2. **Kim HY**, Park DJ, Lee HS, Lee HJ, Kim HH, Han HS, Yang HK, Lee KU. Laparoscopic Resection of Multiple Gastric Duplication Cysts in an Adult. J Korean Surg Soc. 2006 Dec;71(6):469-474.
3. Choe JH, Park YL, Chung YS, **Kim HY**, Lee KE, Park WS, Kim JS, Youn YK. The Use of Fibrin Tissue Glue in Thyroid Surgery; A Randomized-Prospective Trial. Kr J Endocrine Surg 2007 Jun; 007(02): 107-110.
4. **Kim HY**, Chang MC, Noh DY, Youn YK, Oh SK. Retroperitoneal Tumors Preoperatively Misdiagnosed as Adrenal Tumor. J Korean Surg Soc. 2007 Aug;73(2):103-113.
5. Chung YS, Choe JH, Lee KE, Park WS, **Kim HY**, Han W, Noh DY, Oh SK, Youn YK. Detection of BRAF Mutation on Fine Needle Aspiration Biopsy Specimens Using the Colorimetric Mutation Detection Method. J Korean Surg Soc. 2008 Jan;74(1):25-33.
6. Lee JB, **Kim HY**, Woo SW, Ryu WS, Lee JA, Son GS, Bae JW, Lee YM. The Clinical Significance of Minimal Extrathyroid Extension in Patients with Papillary Thyroid Microcarcinoma. Kr J Endocrine Surg 2008 Dec; 008(04): 243-249.
7. Lee KE, **Kim HY**, Park WS, Choe JH, Kwon MR, Oh SK, Youn YK. Postauricular and Axillary Approach Endoscopic Neck Surgery: A New Technique. World J Surg. 2009 Apr;33(4):767-772.
8. **Kim HY**, Bae JW, Lee ES, Lee JA, Kim KI, Chang MC, Youn YK, Oh SK. Retroperitoneal Tumors Preoperatively Misdiagnosed as Adrenal Origin. World J Surg. 2009 Sep;33(S1): S222-S223.
9. **Kim HY**, Bae JW, Lee ES, Kim KI, Woo SU, Lee JB, Son GS. An Experience of Robotic Thyroid Surgery for a Papillary Carcinoma Previously Treated with Radiofrequency Ablation. World J Surg. 2009 September; 33(S1): S229-S230.
10. Park WS, Chung YS, Lee KE, **Kim HY**, Choe JH, Koh SH, Youn YK. A Prospective Randomized Controlled Study on the Anti-adhesive Effect and Safety of Sodium Hyaluronate and Sodium Carboxymethyl Cellulose Solution on Thyroid Surgery. Asian J Surg. 2010 Jan;33(1):25-30.
11. Park WS, Lee KE, Song JY, Chung YS, **Kim HY**, Koh SH, Youn YK. Diagnosis of Papillary Thyroid Cancer via Detection of BRAF Mutation on Fine Needle Aspiration Cytology

Slides. *Kr J Endocrine Surg* 2010 Mar; 010(01): 12-18.

12. Son GS, Ryu WS, **Kim HY**, Woo SU, Park KW, Bae JW. Immunologic Response to Mistletoe Extract (*Viscum album L.*) after Conventional Treatment in Patients with Operable Breast Cancer. *J Breast Cancer*. 2010 Mar;13(01): 14-18.

13. **Kim HY**, Ryu WS, Woo SU, Son GS, Lee ES, Lee JB, Bae JW. Primary Papillary Thyroid Carcinoma Previously Treated Incompletely with Radiofrequency Ablation. *J Cancer Res Ther*. 2010 Jul-Sep;6(3): 310-312.

14. **Kim HY**, Park WY, Lee KE, Park WS, Chung YS, Cho SJ, Youn YK. Comparative Analysis of Gene Expression Profiles of Papillary Thyroid Microcarcinoma and Papillary Thyroid Carcinoma. *J Cancer Res Ther*. 2010 Nov-Dec;6(4): 452-457.

15. Joung SY, **Kim HY**, Ryu WS, Woo SU, Son GS, Lee JB, Bae JW. Preoperative Thyroid-stimulating Hormone Levels as a Predictor of Thyroid Carcinoma. *Kr J Endocrine Surg* 2010 Dec; 010(04): 220-223.

16. **Kim HY**, d'Ajello F, Ryu WS, Woo SU, Son GS, Lee ES, Lee JB, Bae JW. Medullary Thyroid Carcinoma Metastatic to the Breast and Axillary Lymph Nodes. *Minerva Chir*. 2011 Feb;66(1): Epub ahead of print.

17. **Kim HY**, d'Ajello F, Woo SU, Son GS, Lee JB, Bae JW. Robotic Thyroid Surgery Using Bilateral Axillo-Breast Approach : Personal initial experience over two years. *Minerva Chir*. 2012 Feb;67(1):39-48.

18. Hwang SB, Lee HY, **Kim HY**, Lee ES, Bae JW. Life-threatening acute hyponatremia with generalized seizure induced by low-dose cyclophosphamide in a patient with breast cancer. *J Breast Cancer*. 2011 Dec;14(4):345-8.

19. Hwang SB, Bae JW, Lee HY, **Kim HY**. Circulating Tumor Cells Detected by RT-PCR for CK-20 before Surgery Indicate Worse Prognostic Impact in Triple-Negative and HER2 Subtype Breast Cancer. *J Breast Cancer*. 2012 Mar;15(1):34-42.

20. Dionigi G, Alesina PF, Barczynski M, Boni L, Chiang FY, **Kim HY**, Materazzi G, Randolph GW, Terris DJ, Wu CW. Recurrent laryngeal nerve injury in video-assisted thyroidectomy: lessons learned from neuromonitoring. *Surg Endosc*. 2012 Sep;26(9):2601-8.

21. **Kim HY**, Choi YJ, Yoon SZ, Yu HN. Optimal carbon dioxide insufflation pressure during robot-assisted thyroidectomy in patients with various benign and malignant thyroid diseases. *World J Surg Oncol*. 2012 Sep 27;10(1):202.

22. Kim WY, Lee JB, **Kim HY**. Efficacy of intraoperative parathyroid hormone monitoring to predict success of parathyroidectomy for secondary hyperparathyroidism. *J Korean Surg Soc*. 2012 Jul;83(1):1-6.

23. Yang IS, Lee HY, Yoo JY, Son GS, Lee JB, Bae JW, **Kim HY***. Robotic Adrenalectomy Using a Lateral Transperitoneal Approach: Initial Experience of Fifteen Consecutive Cases. *Kr J Endocrine Surg* 2012 Sep; 012(03): 179-184.
24. Lee KE, Jee HG, **Kim HY**, Park WS, Park SH, Youn YK. Development of a canine model for recurrent laryngeal injury by harmonic scalpel. *Lab Anim Res.* 2012 Dec;28(4):223-8.
25. Hwang SB, Lee HY, Kim WY, Woo SU, Lee JB, Bae JW, **Kim HY***. The anatomy of the external branch of the superior laryngeal nerve in Koreans. *Asian J Surg* 2013 Jan;36(1):13-9.
26. Dionigi G, Donatini G, Boni L, Rausei S, Rovera F, Tanda ML, **Kim HY**, Chiang FY, Wu CW, Mangano A, Rulli F, Alesina PF, Dionigi R. Continuous monitoring of the recurrent laryngeal nerve in thyroid surgery: A critical appraisal. *Int J Surg* 2013 Jan;11 Suppl 1:S44-6.
27. Park KS, Lee KE, Ku do H, Kim SJ, Park WS, **Kim HY**, Kwon MR, Youn YK. Antiadhesive effect and safety of oxidized regenerated cellulose after thyroidectomy: a prospective, randomized controlled study. *J Korean Surg Soc.* 2013 Jun;84(6):321-9.
28. Kim WY, Lee JB, **Kim HY**, Woo SU, Son GS, Bae JW. Achievement of the National Kidney Foundation Kidney Disease Outcomes Quality Initiative: recommended serum calcium, phosphate and parathyroid hormone values with parathyroidectomy in patients with secondary hyperparathyroidism. *J Korean Surg Soc.* 2013 Jul;85(1):25-9.
29. You JY, Lee HY, Son GS, Lee JB, Bae JW, **Kim HY***. Comparison of robotic adrenalectomy with traditional laparoscopic adrenalectomy with a lateral transperitoneal approach: a single-surgeon experience. *Int J Med Robot.* 2013 Sep;9(3):345-50.
30. Dionigi G, **Kim HY**, Wu CW, Lavazza M, Ferrari C, Leotta A, Spampatti S, Rovera F, Rausei S, Boni L, Chiang FY. Vagus nerve stimulation for standardized monitoring: technical notes for conventional and endoscopic thyroidectomy. *Surg Technol Int.* 2013 Sep;23:95-103.
31. Lee HY, Yang IS, Hwang SB, Lee JB, Bae JW, **Kim HY***. Robotic Thyroid Surgery for Papillary Thyroid Carcinoma: Lessons Learned From 100 Consecutive Surgeries. *Surg Laparosc Endosc Percutan Tech.* 2015 Feb;25(1):27-32.
32. Kim WY, **Kim HY**, Son GS, Bae JW, Lee JB. Clinicopathological, immunohistochemical factors and recurrence associated with extrathyroidal extension in papillary thyroid microcarcinoma. *J Cancer Res Ther.* 2014 Jan-Mar;10(1):50-5.
33. Wu CW, Dionigi G, Sun H, Liu X, **Kim HY**, Hsiao PJ, Tsai KB, Chen HC, Chen HY, Chang PY, Lu IC, Chiang FY. Intraoperative neuromonitoring for the early detection and prevention of RLN traction injury in thyroid surgery: A porcine model. *Surgery.* 2014 Feb;155(2):329-39.
34. Lee HY, Hwang SB, Ahn KM, Lee JB, Bae JW, **Kim HY***. The Safety of Transoral

Periosteal Thyroidectomy: Results of Swine Models. *J Laparoendosc Adv Surg Tech A*. 2014 May;24(5):312-7.

35. Kwak HY, **Kim HY***. The Present and Future of Intraoperative Neuromonitoring in Thyroid Surgery. *Korean J Endocrine Surg*. 2014 Jun; 14(2): 67~75.

36. Lee SG, Jung SP, Lee HY, Kim S, **Kim HY**, Kim I, Bae JW. Secretory breast carcinoma: A report of three cases and a review of the literature. *Oncol Lett*. 2014 Aug;8(2):683-686.

37. Mangano A, **Kim HY**, Lianos GD, Roukos DH, Dionigi G. Targeted agents for advanced thyroid cancer: "knowledge is power" - the role of multikinase inhibitors. *Future Oncol*. 2014 Nov;10(14):2099-102.

38. Mangano A, Wu CW, Lianos GD, **Kim HY**, Chiang FY, Wang P, Xiaoli L, Hui S, Teksöz S, Bukey Y, Dionigi G, Rausei S. Evidence-based Analysis on The Clinical Impact of Intraoperative Neuromonitoring in Thyroid Surgery: State of the Art and Future Perspectives. *Surg Technol Int*. 2014 Nov;25:91-6.

39. Mangano A, Lianos GD, Boni L, **Kim HY**, Roukos DH, Dionigi G. Intraoperative Neuromonitoring of the External Branch of the Superior Laryngeal Nerve during Thyroidectomy: The Need for Evidence-Based Data and Perioperative Technical/ Technological Standardization. *Scientific World Journal*. 2014;2014:692365.

40. Kwak HY, **Kim HY***, Lee HY, Jung SP, Woo SU, Son GS, Lee JB, Bae JW. Robotic thyroidectomy using bilateral axillo-breast approach: Comparison of surgical results with open conventional thyroidectomy. *J Surg Oncol*. 2015 Feb;111(2):141-5.

41. Lee HY, You JY, Woo SU, Son GS, Lee JB, Bae JW, **Kim HY***. Transoral periosteal thyroidectomy: cadaver to human. *Surg Endosc*. 2015 Apr;29(4):898-904.

42. Lee HY, Cho YG, You JY, Choi BH, Kim JY, Wu CW, Chiang FY, **Kim HY***. Traction injury of the recurrent laryngeal nerve: Results of continuous intraoperative neuromonitoring in a swine model. *Head Neck*. 2016 Apr;38(4):582-8.

43. Lee HY, J Richmon, R Walvekar, C Holsinger, **Kim HY***. Robotic Transoral Periosteal Thyroidectomy (TOPOT): Experience in Two Cadavers. *J Laparoendosc Adv Surg Tech A*. 2015 Feb;25(2):139-42.

44. Lee SG, Lee SD, Kim MK, Ryu WS, Jung SP, Kim S, **Kim HY**, Yoon ES, Kim CH, Nam SJ, Bae JW. Effect of Antiadhesion Barrier Solution and Fibrin on Capsular Formation After Silicone Implant Insertion in a White Rat Model. *Aesthetic Plast Surg*. 2015 Feb;39(1):162-70.

45. Chiang FY, Lu IC, Chang PY, Sun H, Wang P, Lu XB, Chen HC, Chen HY, **Kim HY**, Dionigi G, Wu CW. Stimulating dissecting instruments during neuromonitoring of RLN in thyroid surgery. *Laryngoscope*. 2015 Dec;125(12):2832-7.

46. Chang YW, Kim HS, **Kim HY**, Lee JB, Bae JW, Son GS. Should central lymph node dissection be considered for all papillary thyroid microcarcinoma? *Asian J Surg*. 2015 Apr; Epub ahead of print.
47. Kwak HY, **Kim HY***, Lee HY, Jung SP, Woo SU, Son GS, Lee JB, Bae JW. Predictive factors for difficult robotic thyroidectomy using bilateral axillo-breast approach. *Head Neck*. 2016 Apr;38 Suppl 1:E954-60.
48. Lin YC, Dionigi G, Randolph GW, Lu IC, Chang PY, Tsai SY, **Kim HY**, Lee HY, Tufano RP, Sun H, Liu X, Chiang FY, Wu CW. Electrophysiologic monitoring correlates of recurrent laryngeal nerve heat thermal injury in a porcine model. *Laryngoscope*. 2015 Aug;125(8):E283-90.
49. Wu CW, Chai YJ, Dionigi G, Chiang FY, Liu X, Sun H, Randolph GW, Tufano RP, **Kim HY***. Recurrent Laryngeal Nerve Safety Parameters of the Harmonic Focus During Thyroid Surgery: Porcine Model Using Continuous Monitoring. *Laryngoscope*. 2015 Dec;125(12):2838-45.
50. **Kim HY**, Tufano RP, Randolph GW, Barczyński M, Wu CW, Chiang FY, Liu X, Masuoka H, Miyauchi A, Park SY, Kwak HY, Lee HY, Dionigi G, Korean Intraoperative Neural Monitoring Society(KINMoS). Impact of Positional Changes in Neural Monitoring Endotracheal Tube on Amplitude and Latency of Electromyographic Response in Monitored Thyroid Surgery – Results from the Porcine Experiment. *Head Neck*. 2016 Apr;38 Suppl 1:E1004-8.
51. Dionigi G, Chiang FY, Hui S, Wu CW, Xiaoli L, Ferrari CC, Mangano A, Lianos GD, Leotta A, Lavazza M, Frattini F, Annoni M, Rausei S, Boni L, **Kim HY**. Continuous Intraoperative Neuromonitoring (C-IONM) Technique with the Automatic Periodic Stimulating (APS) Accessory for Conventional and Endoscopic Thyroid Surgery. *Surg Technol Int*. 2015 May;26:101-14.
52. Kim WY, Lee JB, **Kim HY**, Woo SU, Son GS, Bae JW. Endoplasmic reticulum aminopeptidase 2 is highly expressed in papillary thyroid microcarcinoma with cervical lymph node metastasis. *J Cancer Res Ther*. 2015 Apr-Jun;11(2):443-6.
53. Jung SP, Lee HY, Bae JW, **Kim HY***. Medullary Thyroid Carcinoma Metastasis to the Breast and Axillary Lymph Nodes. *Indian J Surg*. 2015 Aug;77(4):329-31.
54. Kwak HY, Dionigi G, Kim D, Lee HY, Son GS, Lee JB, Bae JW, **Kim HY***. Thermal injury of the recurrent laryngeal nerve by THUNDERBEAT during thyroid surgery: findings from continuous intraoperative neuromonitoring in a porcine model. *J Surg Res*. 2016 Jan;200(1):177-82.

55. Kwak HY, Dionigi G, Liu X, Sun H, Woo SU, Son GS, Lee JB, Bae JW, **Kim HY***. Predictive factors for longer operative times for thyroidectomy. *Asian J Surg* 2017 Apr;40(2):139-144.
56. Dionigi G, **Kim HY***, Randolph GW, Wu CW, Sun H, Liu X, Barczynski M, Chiang FY. Prospective validation study of Cernea classification for predicting EMG alterations of the external branch of the superior laryngeal nerve. *Surg Today*. 2016 Jul;46(7):785-91.
57. Clark JH, **Kim HY**, Richmon JD. Transoral robotic thyroid surgery. *Gland Surg*. 2015 Oct;4(5):429-34.
58. Lee HY, Lee JY, G Dionigi, Bae JW, **Kim HY***. The Efficacy of Intraoperative Neuromonitoring During Robotic Thyroidectomy: A Prospective, Randomized Case-Control Evaluation. *J Laparoendosc Adv Surg Tech A*. 2015 Nov;25(11):908-14.
59. Mangano A, **Kim HY***, Wu CW, Rausei S, Hui S, Liu X, Chiang FY, Roukos DH, Lianos GD, Volpi E, Dionigi G. Continuous intraoperative neuromonitoring in thyroid surgery: Safety analysis of 400 consecutive electrode probe placements with standardized procedures. *Head Neck*. 2016 Apr;38 Suppl 1:E1568-74.
60. Bacuzzi A, Dralle H, Randolph GW, Chiang FY, **Kim HY**, Barczyński M, Dionigi G. Safety of Continuous Intraoperative Neuromonitoring (C-IONM) in Thyroid Surgery. *World J Surg*. 2016 Mar;40(3):768-9.
61. Dionigi G, Wu CW, **Kim HY**, Rausei S, Boni L, Chiang FY. Severity of Recurrent Laryngeal Nerve Injuries in Thyroid Surgery. *World J Surg*. 2016 Jun;40(6):1373-81.
62. Ferrari CC, Rausei S, Amico F, Boni L, Chiang FY, Wu CW, **Kim HY**, Dionigi G. Recurrent laryngeal nerve injury in thyroid surgery: Clinical pathways and resources consumption. *Head Neck*. 2016 Nov;38(11):1657-1665.
63. Anuwong A, **Kim HY**, Dionigi G. Neural Monitoring in Thyroid Surgery: Is it Evidence-Based? Is it Cost-Effective? *World J Surg*. 2016 Nov;40(11):2829-2830.
64. Mangano A, Lianos GD, Roukos DH, Mason SE, **Kim HY**, Dionigi G. New horizons for targeted treatment of neuroendocrine tumors. *Future Oncol*. 2016 Apr;12(8):1059-65.
65. Wu CW, Hao M, Tian M, Dionigi G, Tufano RP, **Kim HY**, Jung KY, Liu X, Sun H, Lu IC, Chang PY, Chiang FY. Recurrent laryngeal nerve injury with incomplete loss of electromyography signal during monitored thyroidectomy-evaluation and outcome. *Langenbecks Arch Surg*. 2017 Jun;402(4):691-699.
66. Chang YW, Kim HS, Jung SP, **Kim HY**, Lee JB, Bae JW, Son GS. Pre-ablation stimulated thyroglobulin is a better predictor of recurrence in pathological N1a papillary thyroid carcinoma than the lymph node ratio. *Int J Clin Oncol*. 2016 Oct;21(5):862-868.

67. Wu CW, Liu X, Barczyński M, **Kim HY**, Dionigi G, Sun H, Chiang FY, Kamani D, Randolph GW. Optimal stimulation during monitored thyroid surgery: EMG response characteristics in a porcine model. *Laryngoscope*. 2017 Apr;127(4):998-1005.
68. Anuwong A, Lavazza M, **Kim HY**, Wu CW, Rausei S, Pappalardo V, Ferrari CC, Inversini D, Leotta A, Biondi A, Chiang FY, Dionigi G. Recurrent laryngeal nerve management in thyroid surgery: consequences of routine visualization, application of intermittent, standardized and continuous nerve monitoring. *Updates Surg* 2016 Dec;68(4):331-341.
69. Inversini D, Rausei S, Ferrari CC, Frattini F, Anuwong A, **Kim HY**, Liu X, Wu CW, Tian W, Liu R, Dionigi G. Early intact PTH (iPTH) is an early predictor of postoperative hypocalcemia for a safer and earlier hospital discharge: an analysis on 260 total thyroidectomies. *Gland Surg*. 2016 Oct;5(5):522-528.
70. Dionigi G, Chiang FY, **Kim HY**, Randolph GW, Mangano A, Chang PY, Lu IC, Lin YC, Chen HC, Wu CW. Safety of LigaSure in recurrent laryngeal nerve dissection-porcine model using continuous monitoring. *Laryngoscope*. 2017 Jul;127(7):1724-1729.
71. Lavazza M, Liu X, Wu C, Anuwong A, **Kim HY**, Liu R, Randolph GW, Inversini D, Boni L, Rausei S, Frattini F, Dionigi G. Indocyanine green-enhanced fluorescence for assessing parathyroid perfusion during thyroidectomy. *Gland Surg*. 2016 Oct;5(5):512-521.
72. Dionigi G, Wu CW, **Kim HY**, Liu X, Liu R, Randolph GW, Anuwong A. Safety of energy based devices for hemostasis in thyroid surgery. *Gland Surg*. 2016 Oct;5(5):490-494.
73. Frattini F, Borroni G, Lavazza M, Liu X, **Kim HY**, Liu R, Anuwong A, Rausei S, Dionigi G. New endoscopic procedures for diabetes mellitus type 2 and obesity treatment. *Gland Surg*. 2016 Oct;5(5):458-464.
74. Xiaoli L, Wu CW, **Kim HY**, Tian W, Chiang FY, Liu R, Anuwong A, Randolph GW, Dionigi G, Lavazza M. Gastric acid secretion and gastrin release during continuous vagal neuromonitoring in thyroid surgery. *Langenbecks Arch Surg*. 2017 Mar;402(2):265-272.
75. Dionigi G, Bacuzzi A, Lavazza M, Inversini D, Pappalardo V, Boni L, Rausei S, Barczynski M, Tufano RP, **Kim HY**, Anuwong A. Transoral endoscopic thyroidectomy via vestibular approach: operative steps and video. *Gland Surg*. 2016 Dec;5(6):625-627.
76. Ierardi AM, Pappalardo V, Liu X, Wu CW, Anuwong A, **Kim HY**, Liu R, Lavazza M, Inversini D, Coppola A, Floridi C, Boni L, Carrafiello G, Dionigi G. Usefulness of CBCT and guidance software for percutaneous embolization of a lymphatic leakage after thyroidectomy for cancer. *Gland Surg*. 2016 Dec;5(6):633-638.
77. Russell JO, Noureldine SI, Al Khadem MG, Chaudhary HA, Day AT, **Kim HY**, Tufano RP, Richmon JD. Transoral robotic thyroidectomy: a preclinical feasibility study using the da Vinci

Xi platform. *J Robot Surg.* 2017 Feb; Epub ahead of print.

78. Dionigi G, Lavazza M, Bacuzzi A, Inversini D, Pappalardo V, Tufano RP, **Kim HY**, Anuwong A. Transoral Endoscopic Thyroidectomy Vestibular Approach (TOETVA): From A to Z. *Surg Technol Int.* 2017 Feb 7;30:103-112.

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** Served as corresponding author of the article.*