

AFSUMB 2024

The 16th Congress of the Asian Federation of
Societies for Ultrasound in Medicine and Biology

May 9 (Thu) – 11 (Sat), 2024
Coex, Seoul, Korea

Speaker : Dongbin Ahn

Affiliation : KYUNGPOOK NATIONAL UNIVERSITY , OTOLARYNGOLOGY-HEAD AND NECK SURGERY

Specialty : Head & Neck

[Educational Background]

EDUCATION

1999 – 2005

Bachelor of Medicine, School of Medicine, Kyungpook National University

2007 – 2009

Masters of Otolaryngology-Head and Neck surgery, Graduated School of Medicine,
Kyungpook National University

2011 – 2013

Doctoral course of Otolaryngology-Head and Neck surgery, Graduated School of Medicine,
Kyungpook National University

[Professional Experience]

EMPLOYMENT

2013 – 2017

Assistant professor, Otolaryngology-Head and Neck Surgery,
Kyungpook National University Hospital

2018 – 2023

Associate professor, Otolaryngology-Head and Neck Surgery
Kyungpook National University Hospital

2023 – present

Professor and Chair, Otolaryngology-Head and Neck Surgery
Kyungpook National University Hospital

INVOLVEMENT/ACTIVITIES

Chair, Neuromonitoring Committee, Korean Society of Head and Neck Surgery

Non-executive Director, Korean Bronchoesophagological Society

[Main Scientific Publication]

1: Ahn D, Kwak JH, Lee GJ, Sohn JH. Fine-needle aspiration cytology for neck lesions in patients with antithrombotic/anticoagulant medications: systematic review and meta-analysis. *Eur Radiol.* 2024 Mar 27. doi: 10.1007/s00330-024-10709-4. Epub ahead of print. PMID: 38536462.

2: Ahn D, Kwak JH, Lee GJ, Sohn JH. Ultrasound-guided ethanol ablation versus the Sistrunk operation as a primary treatment for thyroglossal duct cysts. *Ultrasonography.* 2024 Jan;43(1):25-34. doi: 10.14366/usg.23128. Epub 2023 Sep 2. PMID: 38087396; PMCID: PMC10766887.

3: Ahn D. Ultrasound-Guided Ethanol Ablation for Thyroglossal Duct Cyst: A Review of Technical Issues and Potential as a New Standard Treatment. *J Clin*

Med. 2023 Aug 22;12(17):5445. doi: 10.3390/jcm12175445. PMID: 37685512; PMCID: PMC10487699.

4: Ahn D, Kawk JH, Cho H. Intranodal implantation of benign thyroid tissue as a late complication of ethanol ablation: A case report. *Medicine (Baltimore)*. 2023 Apr 7;102(14):e33381. doi: 10.1097/MD.00000000000033381. PMID: 37026949; PMCID: PMC10082269.

5: Ahn D, Kwak JH, Lee GJ, Sohn JH. Ultrasound-Guided Ethanol Ablation as a Primary Treatment for Thyroglossal Duct Cyst: Feasibility, Characteristics, and Outcomes. *Otolaryngol Head Neck Surg*. 2023 Jun;168(6):1381-1388. doi: 10.1002/ohn.231. Epub 2023 Jan 25. PMID: 36939631.

6: Ahn D, Kwak JH, Lee GJ, Sohn JH. Prevalence and Characteristics of Human Papillomavirus Infection in Oropharyngeal Squamous Cell Papilloma. *Cancers (Basel)*. 2023 Jan 28;15(3):810. doi: 10.3390/cancers15030810. PMID: 36765768; PMCID: PMC9913424.

7: Ahn D, Kwak JH, Lee GJ, Sohn JH, Lee JE. Primary concurrent chemoradiation therapy with triweekly cisplatin as a standard protocol in patients aged ≥ 65 years with head and neck squamous cell carcinoma. *Asia Pac J Clin Oncol*. 2023 Oct;19(5):e239-e247. doi: 10.1111/ajco.13846. Epub 2022 Sep 30. PMID: 36178306.

8: Ahn D, Kwak JH, Lee GJ, Sohn JH. Parathyroidectomy for primary hyperparathyroidism: A retrospective analysis of localization, surgical characteristics, and treatment outcomes. *Asian J Surg*. 2023 Feb;46(2):788-793. doi: 10.1016/j.asjsur.2022.07.032. Epub 2022 Jul 16. PMID: 35850895.

9: Ahn D, Kwak JH, Lee GJ, Sohn JH. Ultrasonography for masses of the pharynx and larynx and assessment of laryngeal squamous cell carcinoma. *Auris Nasus Larynx*. 2022 Oct;49(5):868-874. doi: 10.1016/j.anl.2022.03.002. Epub 2022 Mar 27. PMID: 35354545.

10: Ahn D, Kwak JH, Lee GJ, Sohn JH. Evaluation of Carotid Space Schwannoma Using Ultrasonography: Characteristics and Role in Defining the Nerve of Origin. *J Ultrasound Med*. 2022 Oct;41(10):2507-2515. doi: 10.1002/jum.15937. Epub 2021 Dec 29. PMID: 34964508.

11: Ahn D, Heo SJ, Lee GJ, Sohn JH, Jeong JY. Prevalence and characteristics of tonsillar human papillomavirus infection in tumor-free patients undergoing tonsillectomy. *Auris Nasus Larynx*. 2022 Apr;49(2):229-234. doi: 10.1016/j.anl.2021.07.011. Epub 2021 Aug 14. PMID: 34404549.

12: Ahn D, Lee GJ, Sohn JH, Kim JK. Prevalence and characteristics of vagus nerve variations on neck ultrasonography. *Ultrasonography*. 2022 Jan;41(1):124-130. doi: 10.14366/usg.21045. Epub 2021 Apr 26. PMID: 34261211; PMCID: PMC8696142.

13: Ahn D, Lee GJ, Sohn JH, Lee JE. Percutaneous Ultrasound-Guided Fine-Needle Aspiration Cytology and Core-Needle Biopsy for Laryngeal and Hypopharyngeal Masses. *Korean J Radiol*. 2021 Apr;22(4):596-603. doi: 10.3348/kjr.2020.0396. Epub 2020 Nov 30. PMID: 33289361; PMCID: PMC8005345.

14: Ahn D, Lee GJ, Sohn JH, Lee JE. Phase II trial of individualized/dynamic cisplatin regimens for definitive concurrent chemoradiation therapy in patients with head and neck squamous cell carcinoma. *Cancer Med*. 2020 Dec;9(24):9256-9265. doi: 10.1002/cam4.3529. Epub 2020 Oct 19. PMID: 33073917; PMCID: PMC7774729.

- 15: Ahn D, Lee GJ, Sohn JH. Individualized Use of Facelift, Retroauricular Hairline, and V-Shaped Incisions for Parotidectomy. *J Oral Maxillofac Surg.* 2020 Dec;78(12):2339.e1-2339.e8. doi: 10.1016/j.joms.2020.08.021. Epub 2020 Aug 26. PMID: 32949504.
- 16: Ahn D, Lee GJ, Sohn JH. Time and Cost of Ultrasound-Guided Fine-Needle Aspiration Biopsy/Core-Needle Biopsy for Primary Laryngohypopharyngeal Squamous Cell Carcinoma. *Otolaryngol Head Neck Surg.* 2021 Mar;164(3):602-607. doi: 10.1177/0194599820945953. Epub 2020 Jul 21. PMID: 32689867.
- 17: Ahn D, Lee GJ, Sohn JH. Ultrasonographic swallowing examination for early detection of neopharyngeal fistula after salvage total laryngectomy: A preliminary study. *Head Neck.* 2019 Jun;41(6):1804-1808. doi: 10.1002/hed.25617. Epub 2019 Jan 24. PMID: 30676670.
- 18: Ahn D, Lee GJ, Sohn JH, Jeong JY. Fine-needle aspiration cytology versus core-needle biopsy for the diagnosis of extracranial head and neck schwannoma. *Head Neck.* 2018 Dec;40(12):2695-2700. doi: 10.1002/hed.25520. Epub 2018 Nov 20. PMID: 30457183.
- 19: Ahn D, Lee GJ, Sohn JH. Ultrasonographic Characteristics of Pyriform Sinus Fistulas Involving the Thyroid Gland. *J Ultrasound Med.* 2018 Nov;37(11):2631-2636. doi: 10.1002/jum.14623. Epub 2018 Aug 12. PMID: 30099745.
- 20: Ahn D, Lee GJ, Sohn JH, Jeon JH. Oncological impact of hypothyroidism and levothyroxine supplementation following hemithyroidectomy in patients with papillary thyroid carcinoma. *Head Neck.* 2020 May;42(5):1004-1013. doi: 10.1002/hed.26075. Epub 2020 Jan 13. PMID: 31930773.
- 21: Ahn D, Lee GJ, Sohn JH. Levothyroxine Supplementation Following Hemithyroidectomy: Incidence, Risk Factors, and Characteristics. *Ann Surg Oncol.* 2019 Dec;26(13):4405-4413. doi: 10.1245/s10434-019-07786-x. Epub 2019 Sep 5. PMID: 31489555.
- 22: Lee JW, Lee JE, Park J, Sohn JH, Ahn D. Hypofractionated radiotherapy for early glottic cancer: a retrospective interim analysis of a single institution. *Radiat Oncol J.* 2019 Jun;37(2):82-90. doi: 10.3857/roj.2019.00143. Epub 2019 Jun 30. PMID: 31266289; PMCID: PMC6610011.
- 23: Kim JK, Lee DW, Ahn D. Ultrasonographic Criteria to Define the Lower Limits of Neck Node Levels 2 and 3. *Laryngoscope.* 2019 Nov;129(11):2487-2490. doi: 10.1002/lary.27751. Epub 2018 Dec 24. PMID: 30582179.