



## Iram Ahmad, MD, MME

Assistant Professor of Otolaryngology - Head & Neck Surgery (OHNS) and, by courtesy, of Pediatrics

Otolaryngology (Head and Neck Surgery)

### CLINICAL OFFICE (PRIMARY)

- **Respiratory Specialties and ENT**

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### Bio

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#### BIO

Dr. Iram Ahmad received her MD from the University of Michigan Medical School. She then completed Otolaryngology residency program at the University of Iowa. At Iowa, she was an NIH- sponsored T32 research resident in the Department of Otolaryngology. During her residency training she also gained expertise in education and graduated with a Master in Medical Education from the University of Iowa Carver College of Medicine. After residency, Dr. Ahmad continued at Iowa for her fellowship in Pediatric Otolaryngology.

Dr. Ahmad is an Assistant Professor of Otolaryngology- Head and Neck Surgery in the Pediatric Division. Her clinical expertise is in Pediatric Otology and hearing loss. She is focused on children with hearing loss, cochlear implantation, cholesteatoma, and general pediatric Otolaryngology. Her research interests are in children with congenital hearing loss and microstructure changes of the brain.

#### CLINICAL FOCUS

- Pediatric cochlear implants
- Pediatric hearing loss
- cholesteatoma
- Otolaryngology
- congenital hearing loss
- conductive hearing loss
- Genetic hearing loss
- pediatric sleep apnea
- endoscopic ear surgery
- Ototoxicity

#### ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Otolaryngology (Head and Neck Surgery)

- Assistant Professor - University Medical Line (By courtesy), Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Well-Being Director, Stanford School of Medicine (2019 - present)
- Resident member, ACGME- Residency Review Committee (2014 - 2016)
- Member, American Academy of Otolaryngology-Head and Neck Surgery (2009 - present)

## PROFESSIONAL EDUCATION

- Board Certification: Pediatric Otolaryngology, American Board of Otolaryngology (2021)
- Fellowship: University of Iowa Dept of Otolaryngology (2017) IA
- Residency: University of Iowa Dept of Otolaryngology (2016) IA
- Board Certification: Otolaryngology, American Board of Otolaryngology (2017)
- MME, University of Iowa College of Medicine , Master in Medical Education (2012)
- Medical Education: University of Michigan Medical School (2009) MI

## LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Publications

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### PUBLICATIONS

- **Microstructural Changes in the Brainstem Auditory Pathway in Children With Hearing Loss.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolology and Neurotology*  
Moon, P. K., Ward, K. M., Din, T. F., Saki, S., Cheng, A. G., Yeom, K. W., Ahmad, I. N.  
2024; 45 (3): e170-e176
- **The safety and efficacy of radiofrequency ablation in benign pediatric thyroid disease in the US: An initial case series.** *Laryngoscope investigative otolaryngology*  
Kim, G. S., Seeley, H., Noel, J., Ahmad, I., Meister, K.  
2024; 9 (1): e1198
- **Canal wall up versus canal wall down mastoidectomy techniques in the pediatric population with cholesteatoma: A systematic review and meta-analysis of comparative studies.** *International journal of pediatric otorhinolaryngology*  
Solis-Pazmino, P., Siepmann, T., Scheffler, P., Ali, N. E., Lincango-Naranjo, E., Valdez, T. A., Prokop, L. J., Min-Woo Illigens, B., Ponce, O. J., Ahmad, I. N.  
2023; 173: 111658
- **Imaging guidance for cholesteatoma surgery using tissue autofluorescence.** *Journal of biomedical optics*  
Yang, S., Farrell, J., Ye, S., Ahmad, I., Valdez, T. A.  
2023; 28 (6): 066003
- **Prevalence of Cochlear Nerve Deficiency and Hearing Device Use in Children With Single-Sided Deafness** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*  
Ward, K. M., Coughran, A. J., Lee, M., Fitzgerald, M. B., Cheng, A. G., Chang, K. W., Ahmad, I. N.  
2023
- **Prevalence of Cochlear Nerve Deficiency and Hearing Device Use in Children With Single-Sided Deafness.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Ward, K. M., Coughran, A. J., Lee, M., Fitzgerald, M. B., Cheng, A. G., Chang, K. W., Ahmad, I. N.  
2023
- **Updates in Eustachian Tube Dysfunction.** *Otolaryngologic clinics of North America*  
Maddineni, S., Ahmad, I.

2022; 55 (6): 1151-1164

- **Artificial intelligence and tele-otoscopy: A window into the future of pediatric otology.** *International journal of pediatric otorhinolaryngology*  
Ezzibdeh, R., Munjal, T., Ahmad, I., Valdez, T. A.  
2022; 160: 111229
- **Infectious Complications Following Cochlear Implant: Risk Factors, Natural History, and Management Patterns.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Moon, P. K., Qian, Z. J., Ahmad, I. N., Stankovic, K. M., Chang, K. W., Cheng, A. G.  
2022: 1945998221082530
- **MRI Correlates of Ototoxicity in the Auditory Pathway in Children Treated for Medulloblastoma.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolology and Neurotology*  
Moon, P., Theruvath, J., Chang, J., Song, Y., Shpanskaya, K., Maleki, M., Cheng, A. G., Ahmad, I. N., Yeom, K. W.  
2021
- **Trends and Healthcare Use Following Different Cholesteatoma Surgery Types in a National Cohort, 2003-2019.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolology and Neurotology*  
Qian, Z. J., Tran, E. D., Alyono, J. C., Cheng, A. G., Ahmad, I. N., Chang, K. W.  
2021
- **Shortwave infrared otoscopy for diagnosis of middle ear effusions: a machine-learning-based approach.** *Scientific reports*  
Kashani, R. G., Mlynczak, M. C., Zarabanda, D., Solis-Pazmino, P., Huland, D. M., Ahmad, I. N., Singh, S. P., Valdez, T. A.  
2021; 11 (1): 12509
- **The risk of ergonomic injury across surgical specialties.** *PLoS one*  
Aaron, K. A., Vaughan, J., Gupta, R., Ali, N., Beth, A. H., Moore, J. M., Ma, Y., Ahmad, I., Jackler, R. K., Vaisbuch, Y.  
2021; 16 (2): e0244868
- **Modeling human adaptive immune responses with tonsil organoids.** *Nature medicine*  
Wagar, L. E., Salahudeen, A. n., Constantz, C. M., Wendel, B. S., Lyons, M. M., Mallajosyula, V. n., Jatt, L. P., Adamska, J. Z., Blum, L. K., Gupta, N. n., Jackson, K. J., Yang, F. n., Röltgen, et al  
2021
- **Use of Diagnostic Testing and Intervention for Sensorineural Hearing Loss in US Children From 2008 to 2018.** *JAMA otolaryngology-- head & neck surgery*  
Qian, Z. J., Chang, K. W., Ahmad, I. N., Tribble, M. S., Cheng, A. G.  
2020
- **Direct laryngoscopy assisted fiberoptic intubation: A novel technique for the pediatric airway.** *International journal of pediatric otorhinolaryngology*  
Ahmad, I. N., Ali, N., Liming, B. J.  
2020; 137: 110232
- **Cerebral volume and diffusion MRI changes in children with sensorineural hearing loss.** *NeuroImage. Clinical*  
Moon, P. K., Qian, J. Z., McKenna, E. n., Xi, K. n., Rowe, N. C., Ng, N. N., Zheng, J. n., Tam, L. T., MacEachern, S. J., Ahmad, I. n., Cheng, A. G., Forkert, N. D., Yeom, et al  
2020; 27: 102328
- **Montelukast and Nasal Corticosteroids to Treat Pediatric Obstructive Sleep Apnea: A Systematic Review and Meta-analysis.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Liming, B. J., Ryan, M., Mack, D., Ahmad, I., Camacho, M.  
2018: 194599818815683
- **Nf2 Mutation in Schwann Cells Delays Functional Neural Recovery Following Injury.** *Neuroscience*  
Truong, K., Ahmad, I., Jason Clark, J., Seline, A., Bertroche, T., Mostaert, B., Van Daele, D. J., Hansen, M. R.  
2018; 374: 205-213
- **Ectopic Thymic Cyst of the Subglottis: Considerations for Diagnosis and Management** *ANNALS OF OTOTOLOGY RHINOLOGY AND LARYNGOLOGY*  
Ahmad, I., Kirby, P., Liming, B.  
2018; 127 (3): 200-204
- **Merlin status regulates p75(NTR) expression and apoptotic signaling in Schwann cells following nerve injury.** *Neurobiology of disease*

Ahmad, I., Fernando, A., Gurgel, R., Jason Clark, J., Xu, L., Hansen, M. R.  
2015; 82: 114-122

● **The Need for a Leadership Curriculum for Residents.** *Journal of graduate medical education*

Jardine, D., Correa, R., Schultz, H., Nobis, A., Lanser, B. J., Ahmad, I., Crowder, A., Kim, M. B., Hinds, B.  
2015; 7 (2): 307-9

● **p75NTR is highly expressed in vestibular schwannomas and promotes cell survival by activating nuclear transcription factor #B.** *Glia*

Ahmad, I., Yue, W. Y., Fernando, A., Clark, J. J., Woodson, E. A., Hansen, M. R.  
2014; 62 (10): 1699-712

● **Abnormal transsulfuration and glutathione metabolism in the micropig model of alcoholic liver disease.** *Alcoholism, clinical and experimental research*

Villanueva, J. A., Esfandiari, F., Wong, D. H., Ahmad, I., Melnyk, S., James, S. J., Halsted, C. H.  
2006; 30 (7): 1262-70