

## **Shabahang Mohammadi; M.D, Otolaryngologist**

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## Education

- 1987-1994 Fellowship; Head and Neck Surgery, Iran University of Medical Sciences, Tehran, Iran
- 2021-2022 Fellowship; European Board of ORL-HNS  
European Board in Otorhinolaryngology-Head and Neck Surgery (EBEORL-HNS)
- 2020-Present Full Professor of Otolaryngology, Iran University of Medical Sciences (IUMS), Tehran, Iran
- 2016-2018 Fellowship; Head and Neck Oncology  
International Fellowship in Head and Neck Surgery and Oncology (IFHNS), New York, USA
- 2005-2020 Associate professor of otorhinolaryngology, Iran University of Medical Sciences (IUMS), Tehran, Iran
- 1996-2000 Post-doctoral degree of Otolaryngology (4-years residency with Board Certification) Iran University of Medical Sciences (IUMS), Tehran, Iran
- 1987-1994 M.D.; Medical Doctor  
School of Medicine, Tehran University of Medical Sciences, Tehran, Iran
- High school, natural science, Shahid Montazeri High School, Tehran, Iran

## **Careers & Positions**

1. Full Professor of Otorhinolaryngology, Head and Neck Surgery, Iran University of Medical Sciences, Tehran, Iran
2. Department of Otorhinolaryngology, School of Medicine, Iran University of Medical Sciences, Tehran, Iran
3. ENT and Head and Neck Research Center, Iran University of Medical Sciences, Tehran, Iran
4. Five Senses Health Research Institute, Iran University of Medical Sciences, Tehran, Iran
5. Forensic medicine expert of Tehran Forensic Medicine Commission and Office of the Central Commission of the High Board, Tehran, Iran
6. Head and Neck Fellowship Program director, Iran University of Medical Sciences, Tehran, Iran
7. Referee of research projects of the Otolaryngology, Research Center, Iran University of Medical Sciences, Tehran, Iran
8. Member of the Evaluation Committee of the Head and Neck supplementary course, Ministry of Health, Tehran, Iran
9. Member of the Boards of Examiners, Department of Otolaryngology, Iran University of Medical Sciences, Tehran, Iran
10. Member of American Academy of Facial Plastic and Reconstructive Surgery

## **Work Experiences**

2018-Present Erfan Niayesh Hospital, Tehran, Iran

2016-Present Firoozgar Hospital, Tehran, Iran

2010-Present Erfan Sa'adat Abad Hospital, Tehran, Iran

2000-2019 Shourideh Hospital, Tehran, Iran

2000-2016 Rasoul- Akram Hospital

2000-2010 Nour Day Clinic, Tehran, Iran

2000-2010 Khatam Hospital, Tehran, Iran

1996-2000 Residency in Otorhinolaryngology, Iran University of Medical Sciences, Tehran, Iran

1995-1996 General Practitioner, Persian Gulf Medical Center, Qeshm Free Area, Iran

## **Surgical Experiences**

1. Skull base surgery:
  - Anterior Skull base Surgery (Craniofacial Surgery)
  - Middle Skull base Surgery (Infratemporal Approach and fisch-type I,II,III)
  - Posterior Skull base Surgery (Translabrynthin approach)
2. Head and neck surgery:
  - Head & Neck cancer surgery: Ablative and reconstruction surgery, and flap reconstruction
  - Laryngeal and tracheal surgery (such as end-to-end anastomosis & Laryngotracheal reconstruction)
  - Endoscopic neck surgery
  - Free flap surgery (more than 600 cases)
3. Otologic surgery:
  - Otologic and Neuro-Otologic surgery (OCR and Endolymphathic Shunt surgery)
  - Cochlear implant (more than 900 Cases)
4. Facial plastic surgery:
  - Aesthetic Plastic surgery (face-lift, upper third rhytidectomy, rhinoplasty)
  - Prothesis in aesthetic surgery-Blepharoplasty
  - Endoscopic upper and middle face lift(more than 200 cases)
5. Endoscopic sinus surgery (Basic, Advanced, Extended, Anterior and middle Skull base)
6. Facial palsy reanimation
7. Orbital and facial endoscopic surgery:
  - Endoscopic DCR-Endoscopic Orbital & facial fracture surgery-Endoscopic Orbital decompression (More than 1200 cases)
8. Facial paralysis reanimation with gracilis free flap

## **Honors & Awards**

- 2005 From Iranian Society of ENT: HNS for endoscopic face lifting workshop Tehran, Iran
- 2005 From 7<sup>th</sup> congress of the European skull base society ESBS, Fulda, Germany
- 2004 From Dornier MedTech for organizing and performing workshop on medical laser systems, Tehran, Iran
- 2003 From Arthrocare for Coblation workshop on otorhinolaryngology, Dubai, UAE
- 2002 From Arthrocare for Coblation workshop on Otorhinolaryngology, Tehran, Iran
- 1999 Ranked 5<sup>th</sup> in the national board examination of Otolaryngology, Tehran, Iran
- 1988 Ranked 3<sup>rd</sup> in nation-wide entrance exam for Medical Universities, Tehran, Iran

## **Scientific Visits**

1. Rome International Head & Neck Surgery, Rome, Italy (2023)
2. Bottis Best Face (BBF), Gardone, Italy (2022)
3. Facial Cosmetic Surgery Conference, Las Vegas, USA (2020)
4. 7<sup>th</sup> International Rhinology and Facial Surgery Congress, Tehran, Iran (2019)
5. Facial Cosmetic Surgery Conference, Las Vegas, USA (2019)
6. Facial Rejuvenation Conference, Chicago, USA (2018)
7. 7<sup>th</sup> World Congress of the International Academy of Oral Oncology
8. 16<sup>th</sup> International Congress by Association of Ear, Throat, Nose, and Head and Neck, Iran (2018)
9. Advanced Rhinoplasty Surgery Conference, Chicago, USA (2017)
10. Facial Rejuvenation Surgery Conference, Chicago, USA (2017)
11. 10<sup>th</sup> Asia-Pacific Cochlear Implantation Conference in Tehran.
12. Endoscopic Surgery of the Base of the Skull and Brain in Italy, 2016
13. Skull and Brain Endoscopic Surgery Conference, Chicago, USA (2016)
14. Head and Neck Tumor Conferences, Shahid Beheshti University, Tehran, Iran (2015-2019)
15. BBF BoTTis Best Face Conference, Italy (2019, 2017, and 2015)
16. Pediatric Cochlear Implant Surgery Conference, France, 2015
17. Advanced Rhinoplasty Surgery Conference, Chicago, USA (2015)
18. Advanced Course for Cochlear and BAHA Implant Conference, Switzerland (2013)
19. Laser Hands-on Surgery Conference, Italy (2013)
20. International Biennale Milano Master Class, Italy (2015, 2011)
21. 10<sup>th</sup> National Congress of Audiology, Tehran, Iran (2011)
22. Cochlear Implant Surgery Conference, Tehran, Iran (2011)
23. Advance Endoscopic Skull Base Conference, Italy (2011)
24. Cochlear Implant Conference, Greece (2011)
25. Conference on the Reconstruction of the Ear, Nose, and Throat, Tehran (2010)
26. Surgery Operation and Work on the Corpse in the Ear and the Base of the Skull Conference, Italy (2008)
27. Endoscopic Thyroid Surgery Conference, Italy (2008)
28. Surgical Aspect of BAHA Conference, Belgium (2008)
29. XVIII IFOS World Congress, Rome, Italy (2005)
30. Canniesburn Microsurgical Workshop, England (September 2005)
31. European Academy of Cosmetic Surgery, Cambridge Private Hospital (June 2004)
32. Canniesburn Microsurgical Workshop, England (November 2004)
33. 10<sup>th</sup> International Course in Modern Rhinoplasty Techniques
34. Modern Facial Plastic Surgery Techniques of European Academy, Amsterdam (October 2003)
35. 1<sup>st</sup> Encuentro Europeo de Usuarios de IPL Barcelona (October 2003)
36. 7<sup>th</sup> International Laser Course, Otorhinolaryngology, Head and Neck Surgery, Berlin, Germany (October 2002)
37. 7<sup>th</sup> International Laser Course, Berlin (October 8-12, 2002)

38. Medical Laser in Dermatology and Aesthetic Surgery Subjects: Treatment of Benign Epidermal Dental Lesions and Scars Skin Resurfacing Dornier Training Course (May 2002)
39. AO Cranio-Maxillofacial Course of Internal Fixation (AO ASIF) (February 21-24, 2002)
40. Workshop of Nidek Surgical Laser Systems: DS-60, COL-1040, GYC-4000 (September 20-23, 2000)



## **Congress Organizer**

1. Executive Director of the 2nd master class of facial plastic surgery, Iran (2023)
2. Executive Director of the 3rd and 4th Rhinoplasty Master Class (2022, 2023)
3. Executive Director of the first master class of facial plastic surgery, Iran (2019)
4. Instructor and Director of lower face lift, Firoozgar Hospital (2018)
5. Instructor and Director of midface lift, Firoozgar Hospital (2018)
6. Executive Director of the First and Second Rhinoplasty Master Class (2017, 2018)
7. Instructor and Director of Workshop of Flaps with free base, Firoozgar hospital (2017, 2018)
8. Instructor and Director of Workshop of Forehead Lift, Firoozgar Hospital (2016, 2018)
9. Member of Scientific Committee of the Congress of the Association of Otolaryngologists in 15 courses
10. Member of Scientific Committee of the Congress of the Rhinology Association in 6 courses
11. Scientific Director of forehead lift, lower face lift, middle face lift, facial lift, facial nerve palsy, and Radial forearm free flap workshops

## Citations & Indexing

Google Scholar : <https://scholar.google.com/citations?user=s6qh94QAAAAJ&hl=en>

Google Scholar Citations: 293

Scopus Citations: 151

Scopus h-index: 8

ORCID ID: <https://orcid.org/0000-0002-4253-8787>

## Publications

1. **Mohammadi, S.**, Mohammadi, S., & Khosraviani, F. (2022). A Submandibular Fibromatosis; A Case Report and Review of Literature. *Medical journal of the Islamic Republic of Iran*, 36, 94. <https://doi.org/10.47176/mjiri.36.94>
2. **Mohammadi, S.**, Lotfi, M., & Kazemipour, S. (2022). Advanced Head and Neck Reconstruction: A Seven-Year Experience in Iran. *Medical Journal of the Islamic Republic of Iran*, 36, 121. <https://doi.org/10.47176/mjiri.36.121>
3. Bouzari, B., **Mohammadi, S.**, Bokov, D. O., Krasnyuk, I. I., Hosseini-Fard, S. R., Hajibaba, M., Mirzaei, R., & Karampoor, S. (2022). Angioregulatory role of miRNAs and exosomal miRNAs in glioblastoma pathogenesis. *Biomedicine & Pharmacotherapy*, 148, 112760. <https://doi.org/10.1016/j.biopha.2022.112760>
4. **Mohammadi, S.**, Mohammadi, S., & Mohammadi, S. (2022). A novel approach for long nose rhinoplasty and its one-year follow-up results. *Acta Scientific Otolaryngology*, 4(4), 23-27.
5. **Mohammadi, S.**, Mohseni, M., Mohebbi, S., & Lotfi, M. (2021). Single Free Flap for Large Defects in Head and Neck Reconstruction, Double Paddle Anterolateral Thigh Flap. *\*Journal of Craniofacial Surgery\**, 32(5), 1822-1825. doi: 10.1097/SCS.00000000000007614. PMID: 33710060.
6. Daneshi, A., Daneshvar, A., Asghari, A., Farhadi, M., Mohebbi, S., Mohseni, M., Yazdani, N., **Mohammadi, S.**, & Hosseinzadeh, F. (2020). Endoscopic Versus Microscopic Cartilage Myringoplasty in Chronic Otitis Media. *\*Iranian Journal of Otorhinolaryngology\**, 32(112), 263-269. doi: 10.22038/ijorl.2020.44015.2453. PMID: 33014902; PMCID: PMC7515622.
7. Ghorannevis, M., Shariatzadeh, R., Taher, A., Salem, K., Arvin, R., **Mohammadi, S.**, Ghasemloo, I., & Tarkeshian, R. (2020). Design and Fabrication of Langmuir Probe Circuit for Measurement of Plasma Edge Electron Temperature and Density in IR-T1 Tokamak.
8. Daneshi, A., Mirsalehi, M., Hashemi, S. B., Ajalloueyan, M., Rajati, M., Ghasemi, M. M., Emamdjomeh, H., Asghari, A., **Mohammadi, S.**, Mohseni, M., Mohebbi, S., & Farhadi, M. (2018). Cochlear implantation in children with auditory neuropathy spectrum disorder: A multicenter study on auditory performance and speech production outcomes. *\*International Journal of Pediatric Otorhinolaryngology\**, 108, 12-16. doi: 10.1016/j.ijporl.2018.02.004. Epub 2018 Feb 7. PMID: 29605339.
9. Mohebi, S., Sadrhosseini, S., **Mohammadi, S.**, Lenarz, T., Mucha, D., & Majdani, O. (2018). Accuracy Assessment of Different Registration and Imaging Methods on Image-Guided Surgery of Lateral Skull Base. *\*Archives of Neuroscience\**, In Press. doi: 10.5812/ans.74051.

10. Erfanian Salim, R., & **Mohammadi, S.** (2015). Results of Endoscopic Endonasal Dacryocystorhinostomy: Necessity of Teamwork and Patient Selection. *\*Medical Hypothesis, Discovery & Innovation in Ophthalmology\**, 4(3), 114-119. PMID: 27350952; PMCID: PMC4921211.
11. **Mohammadi, S.**, Ahmadi, A., Salem, M. M., Safdarian, M., & Ilkhani, S. (2015). A Comparison Between Two Methods of Face-Lift Surgery in Nine Cadavers: SMAS (Superficial Musculo-Aponeurotic System) Versus MACS (Minimal Access Cranial Suspension). *\*Aesthetic Plastic Surgery\**, 39(5), 680-685. doi: 10.1007/s00266-015-0543-3. Epub 2015 Aug 22. PMID: 26296636.
12. **Mohammadi, S.**, Mohseni, M., & Eslami, M. (2015). Erratum to: Use of porous high-density polyethylene grafts in open rhinoplasty: No infectious complication seen in spreader and dorsal grafts. *\*Head & Face Medicine\**, 10, 52. doi: 10.1186/s13005-015-0083-8.
13. Daneshi, A., Jahandideh, H., Pousti, S. B., & **Mohammadi, S.** (2014). One-shot, low-dosage intratympanic gentamicin for Ménière's disease: Clinical, posturographic, and vestibular test findings. *\*Iranian Journal of Neurology\**, 13(1), 33.
14. Izadi, F., Ahmadi, A., Ghourchian, S., Daneshi, A., Memari, F., Khadivi, E., & **Mohammadi, S.** (2012). Detection of helicobacter pylori in benign laryngeal lesions by polymerase chain reaction: a cross sectional study. *Infectious Agents and Cancer*, 7, 1-5.
15. **Mohammadi, S.**, Ghourchian, S., Izadi, F., Daneshi, A., & Ahmadi, A. (2012). Porous high-density polyethylene in facial reconstruction and revision rhinoplasty: A prospective cohort study. *\*Head & Face Medicine\**, 8, 17. doi: 10.1186/1746-160X-8-17.
16. Noorbakhsh, S., Farhadi, M., Daneshi, A., **Mohammadi, S.**, & Tabatabaei, A. (2011). Viral infections detected by serology and PCR of perilymphatic fluid in children with idiopathic sensorineural hearing loss. *\*Eastern Mediterranean Health Journal\**, 17(11), 867-870. PMID: 22276496.
17. Daneshi, A., **Mohammadi, S.**, & Hassannia, F. (2010). Delayed laryngotracheal reconstruction with titanium plate: Report of 10 cases. *\*Journal of Voice\**, 24(6), 755-757. doi: 10.1016/j.jvoice.2009.06.002. Epub 2010 Jan 18. PMID: 20083376.
18. **Mohammadi, S.**, & Hassannia, F. (2010). Giant cell reparative granuloma of the nasal cavity: A case report. *\*Journal of Cranio-Maxillo-Facial Surgery: Official Publication of the European Association for Cranio-Maxillo-Facial Surgery\**, 38(2), 145-147.
19. Daneshi, A., **Mohammadi, S.**, Javadi, M., & Hassannia, F. (2010). Repair of large nasal septal perforation with titanium membrane: Report of 10 cases. *\*American Journal of Otolaryngology\**, 31(5), 387-389. doi: 10.1016/j.amjoto.2009.04.009. Epub 2009 Jun 24. PMID: 20015781.
20. **Mohammadi, S.**, Kadivar, M., & Hassannia, F. (2009). A Case Report of Giant Cell Reparative Granuloma in the Nasal Cavity. *\*Razi Journal of Medical Sciences\**, 16(63), 0-0.
21. Daneshi, A. (2008). **Mohammadi SH**, Farhadi M, Daneshi A, Mohebbi S. Endoscopic management of anterior skull base defect, *IJMS*, 2008. *Medical Journal of the Islamic Republic of Iran*, 22(1), 12-16.

22. Javadi, M., & **Mohammadi, S.** (2008). Infection of the sinus and anterior skull base. \*Medical Journal of the Islamic Republic of Iran\*, 22(3), 137-140.
23. Daneshi, A. (2008). **Mohammadi SH**, Farhadi M, Daneshi A, Mohebbi S. Endoscopic management of anterior skull base defect, IJMS, 2008. Medical Journal of the Islamic Republic of Iran, 22(1), 12-16.
24. Javadi, M., & **Mohammadi, S.** (2008). Fungal infection of the sinus and anterior skull base. \*Medical Journal of the Islamic Republic of Iran\*, 22(3), 137-140.
25. Noorbakhsh, S., Farhadi, M., Tabatabaei, A., **Mohamadi, S.**, & Jomeh, E. (2008). Infection in childhood sensory hearing loss. \*Saudi Medical Journal\*, 29(10), 1470-1474. PMID: 18946575.
26. **Mohammadi, S.**, Daneshi, A., Farhadi, M., & Mohebbi, S. (2008). Endoscopic management of cerebrospinal fluid rhinorrhea from anterior skull base defects.
27. Farhadi, M., & **Mohammadi, S.** (2007). Paranasal Sinus Mucocoeles. \*Skull Base\*, 17(S 1), A103.
28. **Mohammadi, S.** (2007). Infratemporal Fossa Tumor with Extension to the Cranial Base. Skull Base, 17(S 1), A264.
29. **Mohammadi, S.**, & Mohebbi, S. (2007). Occurrence of mandibulofacial injuries presenting to the Otorhinolaryngology and Head & Neck Surgery Department. \*Journal of Craniofacial Surgery\*, 18(4), 833-837.
30. Farhadi, M., **Mohammadi, S.**, & Mohebi, S. (2006). Coblation assisted tonsillectomy. \*International Journal of the Iranian Red Crescent Society\*, 8.
31. Daneshi, A., **Mohamadi, S.**, Emamgomeh, H., Mohamadi, S., & Forotan, A. (2002). The study of electrocochleography and ABR in 100 patients with Ménière's disease in Hazrat Rasoul Hospital, 1998-2000. \*Razi Journal of Medical Sciences\*, 8(27), 563-566.
32. **Mohammadi, S.**, Daneshi, A., & Javadi, M. (2002). Orbitorhinocerebral mucormycosis: Report of 9 cases. \*Razi Journal of Medical Sciences\*, 8(26), 397-407.
33. **Mohammadi, S. H.** (2002). Study of anatomic relations of main trunk of facial nerve and its cervical, buccal, and temporal branches.
34. دانشی, et al. "بررسی تغییرات الکتروکوکلوگرافی و پاسخهای شنیداری ساقه مغز در 100 بیمار مبتلا به منیر در بیمارستان رسول اکرم (ص) 1377-1379." مجله علوم پزشکی رازی 8.27 (2002): 566-563.
35. Mousavi Bafrouel, S. F. A., Farhadi, M., Daneshi, A., & **Mohammadi, S.** (2001). Nasal Endoscopic Surgery for Choanal Atresia. \*Razi Journal of Medical Sciences (Journal of Iran University of Medical Sciences)\*, 7(22), 328-330.
36. Mousavi Bafrooei, S. F., Farhadi, M., Daneshi, A., & **Mohammadi, S. H.** (2001). Nasal endoscopic surgery for choanal atresia. Razi Journal of Medical Sciences, 7(22), 328-330.
37. Therapeutic Protocol of Orbitorbino Cerebral Mucormycosis and Report on 21 Cases in Hazrat Rasoul Hospital



## **Startups**

- 2022 Launch the Facial Paralysis Reanimation
- 2018 Launch the Head and Neck Fellowship, Firoozgar Hospital
- 2017 Launch the Head and Neck Ultrasound, Firoozgar Hospital
- 2016 Advanced Endoscopic Skull Surgery, Firoozgar Hospital
- 2013 Hospital Launching Endoscopic Head and Neck Surgeries, Erfan Hospital
- 2012 Head and Neck Reconstruction Surgery With Free Flap, Hazrat Rasool Hospital
- 2007 Launch the Larynx Fellowship in the ENT, Hazrat Rasool Hospital
- 2007 Endoscopic Mid Face and Neck Lift, Shahid Shourideh Medical Center
- 2005 Temporal Lab, Hazrat Rasool Hospital
- 2005 The Balance Tests of Laboratory in the ENT, Hazrat Rasool Hospital
- 2004 Endoscopic Forehead Lift, Shahid Shourideh Medical Center
- 2003 Launch the Sinus Fellowship in the ENT, Hazrat Rasool Hospital
- 2003 Joint Surgeries with Neurosurgeons in the ENT, Hazrat Rasool Hospital
- 2001 Initiation of Maxillofacial Surgeries in the ENT, Hazrat Rasool Hospital
- 2001 Head and Neck Flaps in the ENT, Hazrat Rasool Hospital

## **Books**

- Post-intubation Airway Stenosis: Principles of Diagnosis and Treatment
- Instruction in Coblation
- Instruction in Face Lifting
- Instruction in Sinus Surgery
- Atlas of Free Flap in Head and Neck (Five Volumes)
- Facial Analysis
- Free Flap Head and Neck Reconstruction with Free Flap (Four Volumes)

## Projects

- 2022 Comparing outcomes of primary DrafIII and standard sinus surgery in panpolyposis patients in 1399 at Firouzgar Hospital
- 2007 Endoscopic DCR
- 2007 Application of Endoscope in Reconstruction of CSF Rhinorrhea
- 2007 Evaluation of the Success Rate of Coblation in the Treatment of Night Snoring
- 2006 Endothelial Antibody Levels in Sensorineural Deafness, ENT Research Center, Tehran, Iran.
- 2006 Developed the Website of the ENT Research Center, ENT Research Center, Tehran, Iran.
- 2006 Investigation of Lymphocytes in Nasal Mucosal Secretions, ENT Research Center, Tehran, Iran
- 2006 Application of Doppler Ultrasound in the Differential Diagnosis of Cervical Masses, ENT Research Center, Tehran, Iran
- 2006 The Role of Infectious Diseases in Andolenf, ENT Research Center, Tehran, Iran
- 2005-2006 Evaluation of Prosthesis Electrode Removal in Cochlear Implant Patients
- 2005 A Study of Helicobacter Pylori in the Nasal Polyp, ENT Research Center, Tehran, Iran
- 2005 Evaluation of Anatomical Variations of Femoral Iliac Arteries, ENT Research Center, Tehran, Iran
- 2005 Evaluation of the Effectiveness of R in Night Snoring, ENT Research Center, Tehran, Iran
- 2005 Fungal Infection of the Nasal Poly, ENT Research Center, Tehran, Iran.
- 2005 Mycoplasma and Chlamydia Infection in Nasal Polyp, ENT Research Center, Tehran, Iran.
- 2002-2003 Evaluation of Endoscopic Repair Results of Cerebrospinal Fluid Leakage



- 2002-2003      Prevalence and Complications of Tracheotomy
- 2001-2002      Prevalence of Maxillofacial Fractures, General Medical Doctorate Degree (2001-2002)
- 1999            Investigation of Anatomical Variations of Facial Nerve Branches, Iran University of Medical Sciences, Tehran, Iran