



## Iran University of Medical Science Faculty Members CV

### Mohammad Farhadi

#### Personal Information

**School:** Medicine

**Department:** Otolaryngology, Head & Neck Surgery

**Academic Rank:** Professor

**ADDRESS:** ENT Head and Neck Research Center, 2<sup>th</sup> Floor Hazrate Rasoul Hospital Niayesh Street, Satarkhan Avenue, Tehran, 14455 Islamic Republic of Iran.

**Tel:** 0098 21 66504294

**Fax:** 0098 21 66525329

**Postcode:** 1445613131

**Email:** [Farhadi.m@iums.ac.ir](mailto:Farhadi.m@iums.ac.ir)

**Birth Date:** 7<sup>th</sup> Feb. 1950

**Birth Place:** Shahrood

**Marital Status:** Married

**Citizenship:** Iranian

#### Education:

1. **Medical school:** Mashad University of Medical Sciences, 1976, Mashhad-Iran.
2. **ENT specialist:** Mashad University 1980, graduated as top student.
3. **Holding sub-specialty:** Head & Neck and Laser Surgery, Endoscopic sinus surgery and Cochlear Implantation, Tinnitus (Basic Study, Evaluation & Treatment).
4. Surgical Cochlear Implant Workshop. Cochlear AG; November, 21-23, 1991, Hannover, Germany.
5. Otolaryngology observer ship (with emphasis on otology, neurology and endoscopic sinus surgery). The Faculty of Minnesota Ear, Head & Neck Clinic, P.A. October 15-November 12, 1993, Minnesota, USA.
6. International Workshop on Cochlear implants. ENT Department University of Vienna. October, 24-25, 1996, Vienna, Austria.
7. Scientific Meeting on Functional Endoscopic Sinus Techniques from Basic Diagnosis to Advanced Applications, July, 11-13, 1996, Graz, Austria.
8. International Symposium on Functional Endoscopic Sinus Surgery: The Recent Advances, Techniques and live Cadaver Dissection, September 24-26, 1998, Istanbul, Turkey.
9. Advanced Temporal Bone Lab Course. ENT-Department University Clinic Wurzburg. December 10-11, 1999, Wurzburg, Germany.
10. International Inter-disciplinary Hands-on workshop NAVIGATION LATERAL SKULL BASE. Center of Skull Base and Craniofacial Surgery, Sep 27-29 2001, Freiburg, Germany
11. 7<sup>th</sup> International Laser Course. ENT Department of the Free University of Berlin. October, 8-12, 2002, Berlin, Germany.
12. Post-graduate Diploma of Laser Medicine. State Research Center of Laser Medicine (Ministry of Public Health of Russia). 2002, Moscow, Russia.
13. Study Course on Clinical Photodynamic Therapy. P.A. Hertsen Moscow Research Oncological Institute. November 29-December 5, 2002, Moscow, Russia.

- 14 Laser Course. Klinik fur Lasermedizin Klinikum Neukolln. September 16-19, 2003, Berlin, Germany.
- 15 Middle East Update in Otolaryngology- Head and Neck Surgery .The American Academy of Continuing Medical Education. March, 28-30, 2007.Dubi, UAE.

### **Positions Held:**

- 1 Professor of Otorhinolaryngology, Head & Neck Surgery; Department & Research Center of Ear, Nose, Throat, Head & Neck Surgery and Related Sciences, Tehran University of Medical Sciences, since 1995.
- 2 Head of Department & Research of Ear, Nose, Throat, Head & Neck Surgery and Related Sciences, Tehran, Iran (since 2000).
- 3 President of Iran National Scientific Foundation (INSF), 2002 -2011.
- 4 Head of Iranian Cochlear Implantation Center, since 1992.
- 5 Head of Sleep Disorder Center, since 2003.
- 6 President of Iran Laser Medicine Society, 2000-2007.
- 7 President of Iranian Sleep Medicine Society (ISMS), since 2006.

### **Administrative Activities:**

1. Supervising Medical Center Clinics of Ghaem Hospital in mashhad (1982).
2. Acting Head of Red-Crescent Society of the I.R. Iran 1982-1983.
3. Acting Head Medical Group in Cultural revolution Head Quarters (1983-1985).
4. Medical Advisor to Minister of Culture and Higher Education, Secretary to Medical Training Specialty Council 1983-1985.
5. President of Tehran University (1985).
6. Minister of culture and Higher education (1985-1989).
7. Member of special commission for evaluation and choosing of medical books, Ministry of Culture and Higher Education (1989).
8. Deputy Head of Scientific Research Council (1986-1989).
9. Member of Evaluating and examining committee for Otolaryngology Resident ship, Health Ministry (since 1989).
10. Director of Coordinating Committee International Congress on History of Medicine in Islam and Iran (1990).
11. Member of Medical and Resident ship Education Council, Ministry of Health (1989, 1993, and 1996).
12. Head of the board of directors and head of Iranian Science and Research Development Institute (1990-2005).
13. Member of jury of medical division of Kharazmi Scientific Festival (1990, 1991, 1993).
14. Founder of Cochlear Implantation project in Iran (1991).
15. Chief of Hazrate Rasoul Medical Complex ENT Ward, Tehran (1991-2005).
16. Head of Iranian Cochlear Implantation Center, since 1992.
17. Member of Central Auditing Committee and Clinical Medicine Committee, Health Ministry (from 1993).
18. Member of Auditing Committee, Iran University of Medical Sciences (1994, 2004).
19. Head of Audiology Department, University of Welfare & Rehabilitation (1994).
20. Professor of ENT and Head & Neck Surgery at Iran University of Medical Sciences (1995).
21. Minister of Health, Treatment and Medical Education (1997-2001).
22. President of Iran Laser Medicine Society, 2000-2007.
23. Board of Trustee's Member of Pasteur Institute, since 2004.
24. President of Iranian Sleep Medicine Society (ISMS), since 2006.
25. Faculty of INT( International Neuroscience Institute) Hanover Germany since 2011

### Activities in Medical Journals:

- 1 Director of Medical Journal of the Islamic Republic of Iran, since 1987.
- 2 Editorial board Committee of Iranian Journal of Ear, Nose, Throat, and Larynx, since 1989.
- 3 Editorial board of Hakim Medical Journal, since 1998.
- 4 Editorial board of Audiology Journal, since 2005.

### Activities in Medical Societies:

- 1 Head of Iranian Medical Laser Association (IMLA), 2003-2008.
- 2 Head of Iranian Sleep Medicine Society (ISMS), since 2006

## **Publications:**

### Research Papers:

- 1 **Farhadi M.** Inner Aid or Artificial Ear. Medical and Pharmaceutical Journal. 1986; 24 (2): 22.
- 2 Jalilian M, **Farhadi M**, Nazem F. Pendred's Syndrome Revisited. MJIRI, 1988; 4(2):305-311.
- 3 **Farhadi M.** A Survey of the views of Ibn Hindu based on research about the programs of medical instruction. MJIRI, 1989; 3(6):53-56.
- 4 **Farhadi M**, Behzadian Nejad G, Fatolahzadeh B, and et al. Bacterial Etiologies and antibiotic resistance in sinusitis: A Study of 264 Cases. 1989, MJIRI, 1, 2 (3); 1-7.
- 5 **Farhadi M**, Daneshi A, Salehian P, and et al. Broncogenic cyst Presenting as a Neck Mass. The Iranian Journal of Otorhinolaryngology. 1990; 1(2): 64-67.
- 6 **Farhadi M.** IBN Sina's Views Concerning the Recurrent Laryngeal Nerve. 1990, MJIRI; 2 (4); 109-111.
- 7 **Farhadi M.** Foreign Body in Maxillary Sinus: Report of a Rare Case. The Iranian Journal of Otorhinolaryngology, 1991; 3,4(5): 60-63.
- 8 Daneshi A, **Farhadi M.** New findings about tinnitus and its management, a case report of 8<sup>th</sup> nerve neurectomy. Medical and Pharmaceutical Journal, 1991; 86(8):9-12.
- 9 **Farhadi M.** The necessity of the recognition of the invaluable history of Islamic medicine for successful future planning. MJIRI, 1992; 3(6):3-6.
- 10 **Farhadi M.** Sleep Apnea Syndrome. Medical and Pharmaceutical Journal. 1993; 99 (9): 36-38.
- 11 **Farhadi M**, Daneshi M, Imamjomeh H. Cochlear Implantation in Iran. 1994; MJIRI. 2 (8); 71-74.
- 12 **Farhadi M**, Emami F. The Study of Prevalence & Predisposition factors of Deaf-blindness in primary schools for Blind children Schools in Tehran. Scientific Journal of Hamedan University of Medical Sciences, 1995; 1(2): 21-23.
- 13 **Farhadi M**, Moshrefi M. Endoscopic paranasal sinus surgery: New Method in Treatment of Sinusoidal Diseases, Report of 200 Cases. Journal of Iran University of Medical Sciences, 1995; 2(2):127-138.
- 14 **Farhadi M**, Daneshi A, Hasanzadeh S. Auditory Training For Hard of Hearing Children. The Iranian Journal of Otorhinolaryngology, 1995; 3, 4(7):18-23.
- 15 **Farhadi M**, Behzadian Nejad G, Tanoomand A. Study of anaerobic bacteria in chronic sinusitis. Daneshvar Pub. 3rd years; No. 11-12, 1996.
- 16 **Farhadi M**, Behzadiannejad G, Tanoumand A. Assessment of anaerobic bacteria in chronic sinusitis. Deneshvar Scientific-Research Quarterly Journal of Shahed University, 1996; 11, 12(3): 21-26.
- 17 **Farhadi M**, Shahin A, Behzadian Nejad G. A Study on Aerobic Bacterial Infections Responsible for Chronic Suppurative Otitis Media. Medical Journal of Mashhad University of Medical Sciences. 1996; 47 (38): 3-9.
- 18 **Farhadi M**, Amintehran E. Endonasal Endoscopic Dacriocystorhinostomy: Report of 28 cases from Iran). Medical Journal of Tabriz University of Medical Sciences, 1997; 31(34):70-75.
- 19 **Farhadi M**, Moshrefi M. Functional Endoscopic Sinus Surgery in Pediatric Population. The Journal of Faculty of Medicine in Tehran University of Medical Sciences.1998; 3, 4(55):35-41.
- 20 **Farhadi M**, Kamrava S.K. The Production of Autologous Glue and its Application in Otorhinolaryngologic and Head & Neck Surgery. Hakim Research Journal, 1998; 1(1):1-11.
- 21 **Farhadi M**, Daneshi A, Imamjomeh H. Surgical Aspects of Pediatric Cochlear Implantation.MJIRI;

- 1998, 4 (11); 281-284.
- 22 Daneshi A, **Farhadi M**, EmamJomeh H, Hasan Zadeh S. Management of gusher during cochlear implant surgery. *Updates in Cochlear Implant*. 1999; 75:122-125.
  - 23 **Farhadi M**, Tabatabai A, Shamshiri AR, and et al. Comparative study of aerobic and anaerobic bacterial and fungal pathogens in patients with infection of middle ear and sinuses. *Journal of Iran University of Medical Sciences*, 2000; 19 (7):44-49.
  - 24 **Farhadi M**, Daneshi A, Emamjomeh H,Hasanzade S.Cochlear Implantation in Iran (A Report of 190 cases). *Adv Otorhinolaryngol.Basel, Karger* .2000; 57:435-438.
  - 25 Akbarloo N, **Farhadi M**, Daneshi A, and et al. assessment of Electrically Evoked Auditory Brain Stem Response of 30 Implanted Patients with Nucleus Multichannel Cochlear Implant. *Audiology, The scientific, Educational & research Journal. TUMS; Faculty of Rehabilitation*. 2001; 15-16: 10-17
  - 26 Mousavi Bafrouee F, **Farhadi M**, Daneshi A, and et al. Nasal Endoscopic Surgery for Choanal Atresia. *Journal of Iran University of Medical Sciences*. 2001; 22 (7), 328-330.
  - 27 Naghdi D.S, **Farhadi M**, Gangeabadi G.H, and et al. Study of the effect of Pulsed Ultrasound on Chronic Maxillary and Frontal Sinusitis. *Modarres Journal of Medical Sciences*, 2002; 1(5):135-141.
  - 28 Daneshi A, **Farhadi M**, Asghari A. Three familial cases of Michel's Aplasia. *Otol Neurotol* 2002; 23:346-348.
  - 29 Daneshi A, Hasanzadeh S, Abbasalipour P, Emamjome H, **Farhadi M**. Cochlear Implantation in Mondini Dysplasia. *Journal of ORL*, 2003; 65(1):39-44.
  - 30 **Farhadi M**, Bayat A, Emamjome. The effect of drilling on hearing thresholds and bone conduction after mastoidectomy. *Journal of Arak University of Medical Sciences*, 2003; 1(6): 9-15.
  - 31 Berger G, Lindstrom B, Baumgactner WD, **Farhadi M**, Gstottner W. Open-Set Speech Perception in Adult Cochlear Implant Users with Ossified Cochlea. *Cochlear Implants International*, Whurr Publishers Ltd. 2003; 4(2): 55-72.
  - 32 **Farhadi M**, Daneshi A, Tabatabai A, and et al. CD3, CD4, CD8 and CD4/CD8 ratio in sinus mucosa and IgE in serum of adults with chronic sinusitis underwent surgery. *Iran University of Medical Sciences* 2004; 42 (11):587-595.
  - 33 **Farhadi M**, Mahmoudian M, Samoudi, EmamJome H, Daneshi A. Design and construction of a new device for auditory electrical stimulation for tinnitus suppression. *MJIRI*, 2004; 3 (18):191-199.
  - 34 **Farhadi M**, Norolahian M, Mirgholami A. The Major Patterns of Inflammatory Sinonasal Disease in 77 Cases of Functional Endoscopic Sinus Surgery (FESS). *The Iranian Journal of Otorhinolaryngology*. 2004; 2 (16): 22-29.
  - 35 Ansari N, Naghdi S, **Farhadi M**. Therapeutic ultrasound as a treatment for chronic sinusitis. *Physiother Res Int*. 2004; 9(3): 144-146.
  - 36 Najm Abadi H, Nashimora k, Kahrizi K, Daneshi A, **Farhadi M**, Mohseni M, Nejat M, Arjangi S. GJB2 mutations: passage through Iran. *Am J Med Genet A*. 2005 Mar 1; 133 (2): 132-137.
  - 37 Noorbakhsh S, **Farhadi M**, Tabatabaei A. Comparative Study of Mumps Serology in Children with and Without Sensorineural Hearing Loss. *Journal of Iran University of Medical Sciences*. 2005; 48 (12); Extra 1, 155-163.
  - 38 Daneshi A, Hassanzadeh S, **Farhadi M**. Cochlear Implantation in Children with Waardenburg Syndrome. *J Laryngol Otol*. 2005, Sep; 119 (9): 719-723.
  - 39 Emamjomeh H, Shafeghat L, Abbasalipour P, Hassanzadeh S, Alaeddini F, **Farhadi M**, Daneshi A. Blink Reflex and Auditory Speech Perception in Prelingually Cochlear Implanted Children. *Acta Otolaryngology*. 2005; Apr; 125(4): 358-362.
  - 40 Riazalhosseini Y, Daneshi A, Imanirad P, Mohseni M, **Farhadi M**, et al. Screening for DFNB1, DFNB2, DFNB3, DFNB4, DFNB9 and DFNB21 Loci in the Iranian Patients with Autosomal Recessive Non-Syndromic Hearing Loss. *Journal of Medical Genetics*. 2005; 42:S102-S102 Suppl.
  - 41 Najmabadi H, Nishimuran C, Kahrizi K, **Farhadi M**, et al. Genetic Study of the Iranian Deaf Population. *Journal of Medical Genetics*. 2005; 42:S108-S108, Suppl. 1.
  - 42 Salehian P, **Farhadi M**, Amintehran E. Frequency of EBV and HPV Viruses in Nasopharyngeal Carcinoma. *Journal of Iran University of Medical Sciences*, 2005; 45(12):117-123.
  - 43 **Farhadi M**,Mahmoudian S.Auditory Neuropathy:Finding of Behavioral, Physiological &Neurophysiological Tests.*Audiology* .2005;2(14):1-12
  - 44 **Farhadi M**, Mahmoudian S., and et al. Effects of Auditory Electrical Stimulation (AES) on Tinnitus Improvement and Associated Complaints. *Hakim Research Journal. National Research Center of Medical Sciences. I.R.Iran*. 2005; 3(8):1-9.
  - 45 **Farhadi M**, Mahmoudian S, Mohammad K, and et al. The Pilot Study of a Nationwide Neonatal Hearing Screening in Iran: Akbarabadi and Mirzakoochak-khan Hospital in Tehran (June 2003-October 2004). *Hakim Research Journal*. 2006; 3 (9): 65-75.
  - 46 **Farhadi M**, Mohammadi S, Mohebbi. Coblation Assisted Tonsillectomy. *Medical Journal of the Iranian Hospital*, 2006; 9(1): 16-20.

- 47 Noorbakhsh S, **Farhadi M**, Tabatabaee A. Comparative Study of Mumps Serology in SNHL Children and Unaffected Ones. *Journal of Iran University of Medical Sciences*. 2006; 48 (13): - 164.
- 48 Daneshi A, **Farhadi M**, Yadollah Zadeh M, and et al. Comparison of the Speech Perception and Intelligibility after Cochlear Implantation between Hereditary and Non-hereditary Profound Prelingual Deaf Patients Admitted to Rasoul-e-Akram Hospital. *Journal of Iran University of Medical Sciences*. 2006; 50 (13): 59-68.
- 49 Tabatabaee A, **Farhadi M**, Shamschiri A.R., and et al. Fungal Infection in Patients with Nasal Polyposis in Two Groups with High and Normal Serum IgE Referred to Rasoul-e-Akram Hospital for ENT Surgery. *Journal of Iran University of Medical Sciences*. 2006; 50(13): 99-105.
- 50 **Farhadi M**, Tabatabaee A, Shekarabi M, and et al. Lymphocyte Subsets and Antigen-Specific IgE in Mucosal Secretions in Patients with Nasal Polyp. *Journal of Iran University of Medical Sciences*. 2006; 52 (13), 169-175.
- 51 **Farhadi M**, Farzampour Sh, Fayazzadeh E. Stem Cell Transplantation into Rat Inner Ear. *Journal of Army University of Medical Sciences of the I.R.Iran*. 2007; 3(5):1369-1378.
- 52 Ansari N.N, Naghdi S, **Farhadi M**. Physiotherapy for Chronic Rhinosinusitis: The Use of Continuous Ultrasound. *International Journal of Therapy and Rehabilitation*. 2007; 7(14): 306-310.
- 53 Ghanbari H, **Farhadi M**, Daneshi A. Report of an unusual cause of rhinolithiasis: An "Opioma". *Ear, Nose & Throat Journal* . Jan 2007(86).
- 54 Mahmoudian S, **Farhadi M**, Rahmani M, Kamrava S.K. Effectiveness of low level laser irradiation on tinnitus and parameters of electrocochleography and distortion product otoacoustic emission. *Audiology (Biquarterly) Vol.17/No.1 /2008*; 19-28.
- 55 Noorbakhsh S, Siadati A, **Farhadi M**, and et al. Rule of Cytomegalovirus in Sensorineural Hearing Loss of Children: A Case-Control Study Tehran, Iran. *International Journal of Pediatric Otorhinolaryngology*. 2008; 72, 203-208.
- 56 Mohebi A, **Farhadi M**, . . . . The assessment nasal volume and cross-sectional area by acoustic rhinometry in a sample of normal adult Iranians. *Archive of Iranian Medicine*. 2008
- 57 Abdollahi M, Farzamfar B, . . . **Farhadi M**, Madani SH. Evaluation of Acute and Sub-Chronic Toxicity of Semelil (ANGIPARSTM), A New Phytotherapeutic Drug for Wound Healing in Rodents. *DARU Journal of Faculty of Pharmacy; TUMS*. 2008; (16), Suppl.1, 7-14.
- 58 Farzamfar B, Abdollahi M, Ka'abinejadian S, . . . **Farhadi M**, & et al. Sub-Chronic Toxicity Study of a Novel Herbal-Based Formulation (Semelil) on Dogs. *DARU Journal of Faculty of Pharmacy; TUMS*. 2008; (16), Suppl.1, 15-19.
- 59 Shamimi Nouri K, Heshmat R, Karimian R, . . . **Farhadi M**, & et al. Intravenous Semelil (ANGIPARSTM) as a Novel Therapy for Pressure Ulcers: A Randomized Clinical Trial. *DARU Journal of Faculty of Pharmacy; TUMS*. 2008; (16), Suppl.1, 49-53.
- 60 Shamimi Nouri K, Karimian R, . . . **Farhadi M**, & et al. Topical Application of Semelil (ANGIPARSTM) in Treatment of Pressure Ulcers: A Randomized Clinical Trial. *DARU Journal of Faculty of Pharmacy; TUMS*. 2008; (16), Suppl.1, 54-57.
- 61 Larijani B, Heshmat R. . . **Farhadi M** & et al. Effects of Intravenous Semelil (ANGIPARSTM) on Diabetic Foot Ulcers Healing: A Multicenter Clinical Trial. *DARU Journal of Faculty of Pharmacy; TUMS*. 2008; (16), Suppl.1, 35-40.
- 62 Alasti F, Sadeghi A, Sanati MH, **Farhadi M**, Stollar E, Somers T, Van Camp G. A mutation in HOXA2 is responsible for autosomal-recessive microtia in an Iranian family. *Am J Hum Genet*. 2008 Apr;82(4):982-91.
- 63 Raeesi MA, **Farhadi M**, Shirazi A, Ajalloueyan M, Karimi Yazdi AR. A new technique during septoplasty to prevent saddle nose. *Clin Otolaryngol*. 2008 Apr;33(2):123-
- 64 Tabatabaee A, **Farhadi M**, Nourbakhsh S, Shekarabi M, Shamschiri A.R . Evaluation of Mycoplasma and Chlamydia infection with PCR method and Serology in patients with nasal polyps and normal subjects. *Journal of Iran University of Medical Sciences* 2008; 60&61(15): 133-139.
- 65 Nourbakhsh S, **Farhadi M**, Memari F, Tabatabaee A, EmamJomeh H. Role of cytomegalovirus in sensorineural hearing loss of children: a case-control study Tehran, Iran. *Int J Pediatric Otorhinolaryngol*. 2008 Feb;72(2):203-8.
- 66 Mohammadi Sh, Daneshi A, **Farhadi M**, Mohebbi S. Endoscopic Management of cerebrospinal fluid rhinorrhea from anterior skull base defects. *Medical Journal of The Islamic Republic of Iran*. 2008 May (22) : 12-17
- 67 Kamrava S.K, . . . ., **Farhadi M** & et al. The histological and clinical effects of 360 nanometer and 860 nanometer low-level laser on rabbits ear punch holes .2009
- 68 Daneshgar P, Norouzi P, Moosavi A. A, . . . **Farhadi M** & et al. Fabrication of carbon Nanotube and dysprosium nanowire modified electrodes as a sensor for determination of curcumin. *Journal Appl Electrochem* . 2009 May (10).
- 69 Sharifi E, Sattarahmady N, Habibi Rezaei M, **Farhadi M**, & et al. Inhibitory of  $\beta$ -Cyclodextrin and

- Trehalose on Nanofibril and AGE Formation During Glycation of Human Serum Albumin. *Journal Protein & Peptide Letters* 2009 (16): 653-659
- 70 PourJavid AR, Emamjome H, Sedaie M, **Farhadi M** & et al. Evaluation of the electrically evoked potential threshold change in three months after receiving the device in children with cochlear implant. *Audiology (Biquarterly)* 2009 Vol2/No. 2 :1-8.
- 71 **Farhadi M**, Mahmoudian S, Saddadi F, Karimian A.R, Mirzaee M & et al . Functional brain abnormalities localized in 55 chronic tinnitus patients: fusion of SPECT coincidence imagin and MRI. *Journal of cerebral Blood flow & Metabolism*2009:1-7
- 72 Norbakhsh S, **Farhadi M**, Tabatabaei A & Zarabi V. What is the Role of Chlamydia pneumonia in Rhinosinusits of children? *Acta Media Iranica*, 2009 Vol. 47,No:4 .
- 73 **Farhadi M**, Kamrava S.K, Heshmatzade Behzadi A & et al. The Efficacy of Photodynamic Therapy in Treatment of Recurrent Squamous cell and basal cell Carcinoma. *Journal of Drugs in Dermatology (JDD)* 2010 Vol 9, 122-126.
- 74 Tabatabaei A, **Farhadi M**, Shamshiri A.R, Noorbakhsh S, Shekarabi M, Javadinia Sh. Detection of helicobacter pylori in Infective nasal polyp and sinus Mucosal specimens of patients with nasal polyp and comprasion with sinus biopsy specimens of healthy control group by Immunologic and PCR methods. *Journal of Iran University of Medical Sciences*. 2010 August; 74 (17), 52-60.
- 75 Noorbakhsh S, **Farhadi M**, Tabatabaei A . Cytomegalovirus a common cause of intrauterine infection : A case-control study . *Iranian Journal of clinical Infectious Diseases* 2010 ; 5(1):9-13
- 76 Hassani V, Zafarghandi M, **Farhadi M**. The LMA CTrach, a new approach for endotracheal intubation: a pilot study in 100 patients undergoing elective surgery. *Medical Journal of The Islamic Republic of Iran*. 2010 August (22): 88-95
- 77 Farahmand Ghavi F, Mirzadeh H, Imani M, **Farhadi M**. Corticosteroid-releasing cochlear implant: a novel hybrid of biomaterial and drug delivery system , *Jolly C J Biomed Mater Res B Appl Biomater* 94(2):388-98.2010 Aug;
- 78 **Farhadi M** , Kamrava SK, Asghari A, Maleki S The efficacy of photodynamic therapy in treatment of recurrent squamous cell and basal cell carcinoma *J Drugs Dermatol*. 2010 Feb;9(2):122-6. 9(2):122-6 2010 Feb
- 79 Esmaili M , Ghaffari M, Moosavi-Movahedi Z, ..., **Farhadi M**, ..... . Beta casein-micelle as a nano vehicle for solubility enhancement of curcumin ; food industry application. *LWT- Food Science and Technology* 44(2011), 2166-2172
- 80 Noorbakhsh S, Tabatabaei A, **Farhadi M**, Shamshiri A R. Helicobacter pylori-DNA in nasal polyp tissues in compare with inferior nasal turbinate tissues : Acase-control study in Tehran, Iran . *Journal of Infectious Diseases and Immunity* . April 2011 Vol 3(4),pp.73-78
- 81 Khosravi N, Noorbakhsh S, **Farhadi M**, Tabatabaei A . Congenital infection with Toxoplasma gondii: Acase control study of Tehran- Iran . *Journal of Public Health and Epidemiology* Feb 2011 Vol.3 (2),pp.68-72
- 82 Asghari A, Mohammadi F, Kamrava S K, Tavakoli S, **Farhadi M**. Severity of depression and anxiety in obstructive sleep apnea syndrome . *Eur Arch Otorhinolaryngol* . 2011 spring DOI 10.1007/s00405-012-1942-6
- 83 **Farhadi M**, Mirzadeh H, Solouk A, Asghari A , Jalessi M, Ghanbari, Yazdani P. Collagen-immobilized patch for repairing small tympanic membrane perforation: In vitro and in vivo assays. *Journal of Biomaterials Research A/ Month* 2011: Vol 00A/ISSUE 00
- 84 Ghanbari H , **Farhadi M**, Izadi F , Kamrava SK . Effectiveness of adenoidectomy on tympanostomy tubes retention duration *Medical Journal of Islamic Republic of Iran*, Vol. 25, No. 3, Nov 2011, pp. 153-157
- 85 Noorbakhsh S, **Farhadi M**, Ebrahimi Tajc F, Javahertrash N, Tabatabaeie A . Unusual infections in resected adenoid of children:PCR for C. pneumonia, M. pneumonia, H. pylori. *Eastern Journal of Medicine*16 (2011)32-382011
- 86 Noorbakhsh S , **Farhadia M** , Farahc S, Fahimzad A, Fahimzadd Ghamarta A . Rapid urinary antigen test (Binax NOW) for diagnosis of S. pneumonia in children with upper and lower respiratory tract infections j *Eastern Journal of Medicine*16 (2011) 26-3116 (2011) 26-31
- 87 **Farhadi M**, Jalessi M., Sharifi G, Khamesi S, Bahrami B, Hammami M.R and Behzadi A.H .Use of image guidance in endoscopic endonasal surgeries: a 5-year experience . *B-ENT*, 2011, 7, 277-282
- 88 Mahmoudian S, **FarhadiM**, Saddadi F, Karimian A, MirzaeeM, Ghoreyshi E, BeytyS, hmadreza Shamshiri, Madani S, Bakaev V, Moradkhani S and Raeisali GH. Functional brain abnormalities localized in55 chronic tinnitus patients: fusion of SPECT coincidence imaging and MRI *Journal of Cerebral Blood Flow & Metabolism*(2010) 30, 864–870 2010 Apr, Epub 2010 Jan 13
- 89 Salami M , Moosavi -Movahedi A A, Moosavi –Movahedi F,Ehsani M R, Yousefi R, **Farhadi M**,... Biological activity of camel milk casein following enzymatic digestion. *Journal of Dairy Research* (2011 )78 471-478

- 90 Kamrava K, Jalessi M, Asghari A.M, **Farhadi M**, ... Have Guidelines Affected Ear, Nose, and Throat Specialists, Diagnoses and the Prescription of Antibiotics for Acute Otitis Media? Iranian Journal of Otorhinolaryngology No.2, Vol.24, Spring 2012
- 91 Jalessi M., Sharifi G , Ahmadvand A, Jafari R, Zahedi S, **Farhadi M**. Endoscopic Endonasal Removal of a Large Petrous-Apex Epidermoid Tumor With Clival Involvement and Intradural Invasion. J Minim Invasive Surg Sci.2012;1(1):34-37. DOI: 10.5812/jmiss.1865
- 92 **Farhadi M**, Jalessi M, Salehian P, Farahmand Ghavi F, Mirzadeh H,... . Dexamethasone eluting cochlear implant : Histological study in animal model. Cochlear Implant Int. 2013 vol 14 o: 1 45 - 50.
- 93 Mahmoudian S, **Farhadi M**, Karimian A, Gholami S, Mirzaee M,... . Pattern of brain blood perfusion in tinnitus patient using technetium-99m SPECT imaging. Journal of Research in Medical Sciences . March 2012 242-247
- 94 F Taghavi, AA Moosavi-Movahedi, M Bohlooli, H Hadi Alijanvand, M Salami, P Maghami, AA Saboury, **M Farhadi**, R Yousefi, M Habibi-Rezaei, N Sheibani .Potassium sorbate as an AGE activator for human serum albumin in the presence and absence of glucose . International journal of biological macromolecules.Nov 2013 Vol:62 146-154
- 95 H Golshahi, A Tavasoly, A Rezaie, **M Farhadi** Urokinase plasminogen activator expression in canine malignant mammary tumours by immunohistochemical study .Bulletin of the Veterinary Institute in Pulawy Dec 2013 57 (4), 587-591
- 96 **M Farhadi**, S Noorbakhsh, A Tabatabaei Infectious Diseases & Vaccination Abstracts Iran J Pediatr 10/2013; Vol 23
- 97 M Jalessi, G Sharifi, M Layalestani, M Rasool, E Amintehran, P Yazdanifard, **M Farhadi** .Sellar reconstruction algorithm in endoscopic transsphenoidal pituitary surgery: experience with 240 cases. 11/2013 Medical Journal of The Islamic Republic of Iran (MJIRI) Vol 27,186-194
- 98 **M Farhadi**, S Mahmoudian, A Tabatabaei, A Naghavi... - Effect of noise exposure on auditory system of industrial workers using pure tone audiometry (PTA), transient evoked otoacoustic emissions (TEOAEs) and distortion product otoacoustic emissions (DPOAEs) Razi Journal of Medical Sciences, 10/2013 vol :20 84-92
- 99 A Mehdizadeh, SPandesh, A Shakeri-Zadeh, S K Kamrava, M Habib-Agahi, **M Farhadi**,.... The effects of folate-conjugated gold nanorods in combination with plasmonic photothermal therapy on mouth epidermal carcinoma cells . Lasers in medical science . 9/2013 Springer London , 1-10
- 100 A Asghari, F Mohammadi, SK Kamrava, M Jalessi, **M Farhadi** . Evaluation of quality of life in patients with obstructive sleep apnea . European Archives of Oto-Rhino-Laryngology. 3 / 2013 Springer-Verlag . page :1-6
- 101 M Jalessi, **M Farhadi**, SK Kamrava, E Amintehran... The Reliability and Validity of the Persian Version of Sinonasal Outcome Test 22 (Snot 22) Questionnaires . Iranian Red Crescent Medical Journal . 5/2013 vol 15.No:5 404
- 102 MA Dowlati, P Derakhshandeh-peykar, M Houshmand, **M Farhadi** ,... . Novel nucleotide changes in mutational analysis of mitochondrial 12SrRNA gene in patients with nonsyndromic and aminoglycoside-induced hearing loss . Molecular biology reports .Vol:40 No:3 2689-2695
- 103 **M Farhadi**, S Noorbakhsh, A Tabatabaei Searching the H. pylori; serology & PCR in children with adenoid hypertrophy and rhino sinusitis: a cross sectional study, Tehran, Iran Medical journal of the Islamic Republic of Iran . 5/2013 Vol:27 No:2 77
- 104 S Noorbakhsh, **M Farhadi**, A Tabatabaei . Staphylococcal superantigens; toxic shock syndrome toxin-1 and enterotoxins in pediatric otitis media effusion: a brief report . Tehran University Medical Journal . 3/2013 vol:70 No:12
- 105 S Goudarzi, SA Babamahmoodi, **M Farhadi**... . Nano technology risks: A 10-step risk management model in nanotechnology projects . HYPOTHESIS 2013 vol:1 page:1-4
- 106 **M Farhadi**, S Noorbakhsh, FE Taj, N Javahertrash... . Unusual infections in resected adenoid of children: PCR for C. pneumonia, M. pneumonia, H. pylori . Eastern Journal of Medicine .2/2013 vol: 16 No: 1 32-38
- 107 **M Farhadi**, H Ghanbari, F Izadi, E Amintehran, MS Eikani, Y Ghavami . Role of spirometry in detection of nasal obstruction . The Journal of Laryngology & Otology . 1/2013 page:1-3
- 108 A Bayat, **M Farhadi**, A Pourbakht, H Sadjedi... . A Comparison of Auditory Perception in Hearing-Impaired and Normal-Hearing Listeners: An Auditory Scene Analysis Study . Iran Red Cres Med J Nov 2013 15(11): e9477
- 109 **M Farhadi**, SB Jameie, A Kouchmeshki, A Janzadeh, P Hayat, M Kerdari Effects of exogenous melatonin on Bax and P53 expression in substantia nigra of adult rat menopause model following pinealectomy International Journal of Cellular & Molecular Biotechnology 2014
- 110 M Goodarzi, AA Moosavi-Movahedi, M Habibi-Rezaei, M Shourian, H Ghourchian, F Ahmad, **M Farhadi**, ... Hemoglobin Fructation Promotes Heme Degradation through the Generation of

- Endogenous Reactive Oxygen Species. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 2014
- 111 Ehsan Kachooei, Ali Akbar Moosavi-Movahedi, Fariba Khodaghali, Farooq Mozafarian, Payam Sedeghi, Hamid Hadi-Alijanvand, Atiyeh Ghasemi, Ali Akbar Saboury, **Mohammad Farhadi**, Nader Sheiban IInhibition study on insulin fibrillation and cytotoxicity by paclitaxel *Journal of biochemistry*, mvu012 /2014
  - 112 M Firoozbakht, S Mahmoudian, F Alaeddini, M Esmailzadeh, M Rafiei, A Firouzbakht, F Rahimi, **M Farhadi** .Community-based newborn hearing screening programme for early detection of permanent hearing loss in Iran: An eight-year cross-sectional study from 2005 to 2012 . *Journal of medical screening* 21 (1), 10-17 / 3.2014
  - 113 Jalessi M, Jahanbakhshi A, Sharifi G, Azar JM, **Farhadi M**, Mobasser A. Endoscopic repair of transsellar transsphenoidal meningoencephalocele; case report and review of approaches. *Interdisciplinary Neurosurgery*. 2015 Jun 1;2(2):86-9.
  - 114 Goudarzi S, Ahmadi A, **Farhadi M**, Kamrava SK, Saghafi S, Omidfar K. Development of a new immunochromatographic assay using gold nanoparticles for screening of IgA deficiency. *Iranian Journal of Allergy, Asthma and Immunology*. 2015:105-12.
  - 115 Goudarzi S, Ahmadi A, **Farhadi M**, Kamrava SK, Mobarrez F, Omidfar K. A new gold nanoparticle based rapid immunochromatographic assay for screening EBV-VCA specific IgA in nasopharyngeal carcinomas. *Journal of Applied Biomedicine*. 2015 May 1;13(2):123-9.
  - 116 **M Farhadi** ,M Barati, AD Tabatabaai, M Shekarabi, S Noorbakhsh ,Sh Javadinia .Th1 and Th2 cytokine gene expression in atopic and nonatopic patients with nasal polyposis . *Ear Nose Throat J*. 2015 Jun;94(6):228-35
  - 117 N Jalilian,MA Tabatabaiefar, **M Farhadi**,T Bahrami,... .Molecular and clinical characte Rization of Waardenburg syndrome Type I in an Iranian cohort with two novel PAX3 mutation. Elsevier 2015.
  - 118 M Jalessi, A Jahanbakhshi, G Sharifi, J M Azar, **M Farhadi**, A Mobasser . Endoscopic repair of transsellar transsphenoidal meningoencephalocele; case report and review of approaches *Interdisciplinary Neurosurgery* 2 (2), 86-89 2015
  - 119 M Jalessi, A Jahanbakhshi, E Amini, S K Kamrava, **M Farhadi**. Impact of nasoseptal flap elevation on sinonasal quality of life in endoscopic endonasal approach to pituitary adenomas *European archives of oto-rhino-laryngology* 2015
  - 120 S Mahmoudian, **M Farhadi**, M Mohebbi, F Alaeddini, ..., T Lenarz .Alterations in Auditory Change Detection Associated with Tinnitus Residual Inhibition Induced by Auditory Electrical Stimulation. *Journal of the American Academy of Audiology* 26 (4), 408-422 2015
  - 121 **M Farhadi**, A Daneshi, S Javadi-Nia, M Nabavi, R Asgarian, M Faramarzi, ... . Association between concentration of interleukin-6, 17 and 23 and *Helicobacter pylori* infection in otitis media with effusion . *Tehran University Medical Journal* 73 (2), 71-78 2015
  - 122 A Daneshi, M Ajalloueyan, M M Ghasemi, B Seyed Hashemi, H Emamjome, **M Farhadi**, Z Ajalloueyan. Complications in a series of 4400 paediatric cochlear implantation *International journal of pediatric otorhinolaryngology* 79 (9), 1401-1403 2015
  - 123 AS Jafarpisheh, AH Jafari, M Abolhassani, **M Farhadi**, H Sadjedi, ... . Nonlinear feature extraction for objective classification of complex auditory brainstem responses to diotic perceptually critical consonant-vowel syllables . *Auris Nasus Larynx Jurnal* , 2016
  - 124 M Balali, B Kamalidehghan, **M Farhadi**, F Ahmadipour, MD Ashkezari, ... .Association of nuclear and mitochondrial genes with audiological examinations in iranian patients with nonaminoglycoside antibiotics-induced hearing los. *Therapeutics and clinical risk management* 12, 117 2016
  - 125 MR Shokrollahi, **M Farhadi**, S Noorbakhsh, HE Jomeh, A Tabatabaei . *International Journal of Current Research and Academic Review*. Int. J. Curr. Res. Aca. Rev 4 (1), 184-191 2016
  - 126 M Falah, M Najafi, M Houshmand, **M Farhadi**. Expression levels of the BAK1 and BCL2 genes highlight the role of apoptosis in age-related hearing impairment. *Clinical Interventions in Aging* 11, 1003 2016
  - 127 M Falah, M Houshmand, **M Farhadi**. Presbycusis: From current knowledge to future treatment prospects. *JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS)* 34 (381), 526-535 2016
  - 128 M Falah, M Houshmand, M Najafi, M Balali, S Mahmoudian, A Asghari, **M Farhadi** .... . The potential role for use of mitochondrial DNA copy number as predictive biomarker in presbycusis . *Therapeutics and Clinical Risk Management* 12, 1573 2016 .
  - 129 M Jalessi, **M Farhadi**, A Asghari, M Hosseini, E Amini, SB Pousti . Impact of endoscopic endonasal pituitary surgery on nasal airway patency. *Medical Journal of The Islamic Republic of Iran (MJIRI)* 30 (1), 551-556 2016
  - 130 **M Farhadi**, F Izadi, M Bahri, V Derakhshandeh, MM Tavakoli, ... . Contovir-A New Adjuvant Therapy in Recurrent Respiratory Papillomatosis: A Case StudyIranian Red Crescent Medical



- Journal 2016.
- 131 F Izadi, F Mahjoubi, **M Farhadi**, S Kalayinia, A Bidmeshkipour, ... . Extracellular matrix protein 1 gene (ECM1) mutations in nine Iranian families with lipoid proteinosis .The Indian journal of medical research 143 (3), 303 2016 .
  - 132 M Jalessi, A Jahanbakhshi, E Amini, SK Kamrava, **M Farhadi** .Impact of nasoseptal flap elevation on sinonasal quality of life in endoscopic endonasal approach to pituitary adenomas. European Archives of Oto-Rhino-Laryngology 273 (5), 1199-1205 2016
  - 133 SZZ Ahmadi, S Mahmoudian, H Ashayeri, F Allaeddini, **M Farhadi**. Electrophysiological and phonological change detection measures of auditory word processing in normal Persian-speaking children . International Journal of Pediatric Otorhinolaryngology 90, 220-226 2016
  - 134 G Shirani, SP Morovati, AR Shamshiri, M Nouri, NE Givi, **M Farhadi**. Prevalence of Cardiovascular Disorders in Iranian Patients Suffering from Obstructive Sleep Apnea Journal of Dentistry of Tehran University of Medical Sciences 13 (3), 151-156 2016
  - 135 B Jameie, S Mehdinejadani, **M Farhadi** , M Solimani, S Hassanzadeh, ...Effects of Exogenous Estrogen Treatment on Hippocampal Neurogenesis of Diabetic Ovariectomized Rats International Clinical Neuroscience Journal 3 (2), 99-108 2016
  - 136 C Sloan-Heggen, S Arzhang, K Booth, K Frees, MH Azizi, A Daneshi, **M Farhadi**, ...Heterogeneity of Hereditary Hearing Loss in Iran: a Comprehensive Review Archives of Iranian Medicine 19 (10), 724 2016
  - 137 S Atighechi, BS Sajadinejad, **M Farhadi**, M Ahmadpour-Baghdadabad A novel technique for the quantitative examination of nasal tip support American journal of rhinology & allergy 31 (1), 48-50 2017
  - 138 M Falah, **M Farhadi**, SK Kamrava, S Mahmoudian, A Daneshi, M Balali, ...Association of genetic variations in the mitochondrial DNA control region with presbycusis Clinical interventions in aging 12, 459 2017
  - 139 M Azar, F Kazemi, A Jahanbakhshi, I Chanideh, M Jalessi, E Amini, ... , **M Farhadi** .Gamma Knife radiosurgery for cavernous sinus meningiomas: analysis of outcome in 166 patients Stereotactic and functional neurosurgery 95 (4), 259-267 2017
  - 140 K Montazeri, S Mahmoudian, Z Razaghi, **M Farhadi**. Alterations in Auditory Electrophysiological Responses Associated With Temporary Suppression of Tinnitus Induced by Low-Level Laser Therapy: A Before-After Case Series. Journal of lasers in medical sciences 8 (Suppl 1), S38 2017
  - 141 F Kashaninasab, K Alavi, **M Farhadi**, M Salehi, MFG BandiA Comparative study of four Persian versions of sleep questionnaires for screening obstructive sleep apnea syndrome (OSAS) .Medical journal of the Islamic Republic of Iran 31, 122 2017
  - 142 A Bayat, **M Farhadi**, H Emamdjomeh, N Saki, G Mirmomeni, F RahimEffect of conductive hearing loss on central auditory function . Brazilian journal of otorhinolaryngology 83 (2), 137-141 2017
  - 143 H Esmailzadeh, E Esmailzadeh, M Faramarzi, M Nabavi, **M Farhadi** . Salicylate food intolerance and aspirin hypersensitivity in nasal polyposis. Iranian Journal of Immunology 14 (1), 81-88 2017
  - 144 M Kerdari, GH Behnam, **M Farhadi**, M Masoumpoor, S Hassanzadeh, ...Effects of 660nm Low-Level Laser Therapy on P2X3 Expression of Lumbar DRG of Adult Male Rats with Neuropathic Pain . International Clinical Neuroscience Journal 3 (4), 193-200 2017
  - 145 M Mazaheri, AA Saboury, M Habibi Rezaei, **M Farhadi**, ...Curcumin, a Molecule with Multiple Forces and Biological Modulators . Iranian Journal of Nutrition Sciences & Food Technology 12 (1), 121-132 2017
  - 146 S Noorbakhsh, **M Farhadi**, M Haghighi, Z Movahedi, HE Jomeh, S AshouriSearching the CMV infection (CMV Ag65 in blood; and CMV-DNA (PCR in perilymphatic fluid) in children with cochlear implant surgery: A cross sectional study in Tehran, Iran.Current Pediatric Research 21 (3), 395-399 2017
  - 147 M Jalessi, SK Kamrava, E Amini, F Rafiei, MA Nasouti, N Moosavi, **M Farhadi** . Is the Persian Version of the "Olfactory Disorder Questionnaire" Reliable and Valid? journal of otorhinolaryngology 29 (93), 209 2017
  - 148 A Asghari, **M Farhadi**, A Daneshi, M Khabazkhoob, S Mohazzab-Torabi, ...The Prevalence of Hearing Impairment by Age and Gender in a Population-based Study Iranian journal of public health 46 (9), 1237 2017
  - 149 A Daneshi, A Asghari, S Mohebbi, **M Farhadi**, F Farahani, M MohseniTotal Endoscopic Approach in Glomus Tympanicum Surgery . Iranian journal of otorhinolaryngology 29 (95), 305 2017
  - 150 SK Kamrava, M Jalessi, S Ebrahimnejad, S Ghalehbaghi, E Amini, ... **M Farhadi**. Evaluation of Culturally-Familiar Odorants for a Persian Smell Identification Test Iranian journal of otorhinolaryngology 30 (96), 19 2018
  - 151 S Hassanzadeh, SB Jameie, M Soleimani, **M Farhadi**, M Kerdari, ...Coenzyme Q10 Influences on the Levels of TNF- $\alpha$  and IL-10 and the Ratio of Bax/Bcl2 in a Menopausal Rat Model Following

- Lumbar Spinal Cord Injury. *Journal of Molecular Neuroscience*, 1-10 2018
- 152 A Daneshi, M Mirsalehi, SB Hashemi, M Ajalloueyan, M Rajati, ... **M Farhadi** .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 2018
  - 153 Z Bagher, SK Kamrava, R Alizadeh, **M Farhadi**, M Absalan, M Falah, ... Differentiation of Neural Crest Stem Cells From Nasal Mucosa into Motor Neuron-Like Cells *Journal of chemical neuroanatomy* . 5/2018
  - 154 Asghari AM, Hosseinzadeh F, Pourbakht A, **Farhadi M**, Daneshi A, Emamjome H, Moradi-Lakeh M. Evaluation of balance function in patients with inner ear anomalies and cochlear implantation. *Journal of Hearing Science*. 2018 Jun 1;8(2).
  - 155 Asghari AM, Hosseinzadeh F, Pourbakht A, **Farhadi M**, Daneshi A, Emamjome H, Moradi-Lakeh M. Vestibular evaluation following cochlear implantation in patients with inner ear anomaly. *Journal of Hearing Science*. 2018 Jun 1;8(2).
  - 156 S Mahmoudian, N Aminrasouli, ZZ Ahmadi, T Lenarz, **M Farhadi**. Acoustic Analysis of Crying Signal in Infants with Disabling Hearing Impairment *Journal of Voice* . 7/2018
  - 157 V Hassani, **M Farhadi**, M Mohseni, R Safaeian, N Nikoobakht, SS Kashani, ...Comparing the Efficacy of Dexmedetomidine versus Fentanyl and Midazolam During Awake Fiberoptic Intubation *Archives of Anesthesiology and Critical Care* 4 (4), 538-541. 9/2018
  - 158 Alizadeh R, Zarrintaj P, Kamrava SK, Bagher Z, **Farhadi M**, Heidari F, Komeili A, Gutiérrez TJ, Saeb MR. Conductive agarose/alginate/chitosan-based hydrogels for neural disorder therapy.
  - 159 Alizadeh R, Kamrava SK, Bagher Z, Farhadi M, Falah M, Moradi F, Boroujeni ME, Soleimani M, Kamyab A, Komeili A. Human olfactory stem cells: As a promising source of dopaminergic neuron-like cells for treatment of Parkinson's disease. *Neuroscience letters*. 2019 Mar 23;696:52-9.
  - 160 Noorbakhsh S, **Farhadi M**, Shokrollahi MR, Jomeh HE, Ashouri S. Cytomegalovirus and Toxoplasma Gondii: Common Causes of Profound Sensori Neural Hearing Loss in Children with Cochlear Implant Surgery in a Highly Immune Population: Tehran; Iran. *The Open Neurology Journal*. 2019 Mar 28;13(1).
  - 161 Mohebbi M, Daneshi A, Asadpour A, Mohsen S, **Farhadi M**, Mahmoudian S. The potential role of auditory prediction error in decompensated tinnitus: An auditory mismatch negativity study. *Brain and behavior*. 2019 Mar 20:e01242.
  - 162 Bagher Z, Atoufi Z, Alizadeh R, **Farhadi M**, Zarrintaj P, Moroni L, Setayeshmehr M, Komeili A, Kamrava SK. Conductive hydrogel based on chitosan-aniline pentamer/gelatin/agarose significantly promoted motor neuron-like cells differentiation of human olfactory ecto-mesenchymal stem cells. *Materials Science and Engineering: C*. 2019 Aug 1;101:243
  - 163 Salehi M, Bagher Z, Kamrava SK, Ehterami A, Alizadeh R, Farhadi M, Falah M, Komeili A. Alginate/chitosan hydrogel containing olfactory ectomesenchymal stem cells for sciatic nerve tissue engineering. *Journal of cellular physiology*. 2019 Sep;234(9):15357-68.
  - 164 Mohebbi M, Mahmoudian S, Motevalian SA, Janani L, **Farhadi M**, Daneshi A. Developing Persian version of Sensory Gating Inventory(SGI): Validity and Reliability. *Basic and Clinical Neuroscience*. 2019 Sep 10:9-.
  - 165 Mohsen S, Pourbakht A, **Farhadi M**, Mahmoudian S. The efficacy and safety of multiple sessions of multisite transcranial random noise stimulation in treating chronic tinnitus. *Brazilian journal of otorhinolaryngology*. 2019 Oct;85(5):628-35.
  - 166 Atoufi Z, Kamrava SK, Davachi SM, Hassanabadi M, Garakani SS, Alizadeh R, **Farhadi M**, Tavakol S, Bagher Z, Motlagh GH. Injectable PNIPAM/Hyaluronic acid hydrogels containing multipurpose modified particles for cartilage tissue engineering: Synthesis, characterization, drug release and cell culture study. *International journal of biological macromolecules*. 2019 Oct 15;139:1168-81.
  - 167 Alizadeh R, Zarrintaj P, Kamrava SK, Bagher Z, Farhadi M, Heidari F, Komeili A, Gutiérrez TJ, Saeb MR. Conductive hydrogels based on agarose/alginate/chitosan for neural disorder therapy. *Carbohydrate polymers*. 2019 Nov 15;224:115161.
  - 168 Bagheri SH, Asghari AM, **Farhadi M**, Shamshiri AR, Kabir A, Kamrava SK, Jalessi M, Mohebbi A, Alizadeh R, Honarmand AA, Ghalehbaghi B. Coincidence of COVID-19 epidemic and olfactory dysfunction outbreak. *medRxiv*. 2020 Jan 1.
  - 169 Falah M, Houshmand M, Balali M, Asghari A, Bagher Z, Alizadeh R, **Farhadi M**. Role of GJB2 and GJB6 in Iranian nonsyndromic hearing impairment: From molecular analysis to literature reviews. *Fetal and Pediatric Pathology*. 2020 Jan 2;39(1):1-2.
  - 170 Mohebbi M, **Farhadi M**, Daneshi A, Mahmoudian S. Toward an exploration of habituating to tinnitus: Perspectives on sensory gating. *Journal of the American Academy of Audiology*. 2020 Mar.
  - 171 Kamrava SK, Jalessi M, Ghalehbaghi S, Amini E, Alizadeh R, Rafiei F, Moosa S, **Farhadi M**.

- Validity and Reliability of Persian Smell Identification Test. *Iranian Journal of Otorhinolaryngology*. 2020 Mar;32(109):65.
- 172 Shams M, **Farhadi M**, Maleki M, Shariatinia S, Mahmoudian S. Ear and Hearing-related Health Literacy Status of Iranian Adolescent and Young People: A National Study. *Scientific Journal of Kurdistan University of Medical Sciences*. 2020 Mar 10;25(1):43-53.
- 173 Daneshi A, **Farhadi M**, Ajallooueyan M, Rajati M, Hashemi SB, Ghasemi MM, Emamdjomeh H, Asghari A, Mohseni M, Mohebbsi S, Hosseinzadeh F. Cochlear implantation in children with inner ear malformation: A multicenter study on auditory performance and speech production outcomes. *International Journal of Pediatric Otorhinolaryngology*. 2020 May 1;132:109901.
- 174 Mohseni M, Yazdani N, Asgarbeik S, Daneshi A, **Farhadi M**, Asghari A, Mohebbsi S, Vahidi A, Amoli MM. Sex-dependent association of ACE (I/D) polymorphism with Meniere's disease. *Meta Gene*. 2020 Jun 1;24:100659.
- 175 **Farhadi M**, Salem MM, Asghari A, Daneshi A, Mirsalehi M, Mahmoudian S. Impact of Acamprosate on Chronic Tinnitus: A Randomized-Controlled Trial. *Annals of Otolaryngology, Rhinology & Laryngology*. 2020 Nov;129(11):1110-9.
- 176 Noorbakhsh S, **Farhadi M**, Rezaei F, Jomeh HE, Farahmand M, Haghighi F, Izadpanahi M, Hasanabad MH. Prevalence of Congenital Cytomegalovirus Infection among Hospitalized Neonates in Tehran, Iran. *Iranian Red Crescent Medical Journal*. 2020 Oct 26;22(10).
- 177 Oleszkiewicz A, Alizadeh R, Altundag A, Chen B, Corrai A, Fanari R, **Farhadi M**, Gupta N, Habel R, Hudson R, Hughes JL. Global study of variability in olfactory sensitivity. *Behavioral Neuroscience*. 2020 Oct;134(5):394.
- 178 Daneshi A, Daneshvar A, Asghari A, **Farhadi M**, Mohebbsi S, Mohseni M, Yazdani N, Mohammadi S, Hosseinzadeh F. Endoscopic versus microscopic cartilage myringoplasty in chronic otitis media. *Iranian Journal of Otorhinolaryngology*. 2020 Sep;32(112):263.
- 179 Jalessi, M., Barati, M., Rohani, M., Amini, E., Ourang, A., Azad, Z., ... & **Farhadi, M.** (2020). Frequency and outcome of olfactory impairment and sinonasal involvement in hospitalized patients with COVID-19. *Neurological Sciences*, 41(9), 2331-2338.
- 180 Noorbakhsh S, **Farhadi M**, Haghighi F, Minaeian S, Hasanabad MH. Neonatal screening for congenital cytomegalovirus infection in Tehran, Iran, using Guthrie cards. *Iranian Journal of Microbiology*. 2020 Jun;12(3):198.
- 181 Hosseinzadeh F, Asghari A, Moradi-Lakeh M, **Farhadi M**, Daneshi A, Mohseni M, Mohammadi SS. Balance function after cochlear implant and inner ear anomaly: Comparison of dynamic posturography. *Laryngoscope Investigative Otolaryngology*. 2020 Jun;5(3):529-35.
- 182 Moradi M, Fallahi-Khoshknab M, Dalvandi A, **Farhadi M**, Maddah SS, Mohammadi E. Rehabilitation of children with cochlear implant in Iran: A scoping review. *Medical Journal of the Islamic Republic of Iran*. 2021;35:73.
- 183 Kamrava SK, Hosseini SF, **Farhadi M**, Jalessi M, Talebi A, Amini E, Alizadeh R. Cultural Adaptation of the Iranian Version of the "Sniffin' Sticks" Olfactory Test. *Medical Journal of The Islamic Republic of Iran (MJIRI)*. 2021 Jan 10;35(1):1141-8.
- 184 Aleemardani M, Bagher Z, **Farhadi M**, Chahsetareh H, Najafi R, Eftekhari B, Seifalian A. Can Tissue Engineering Bring Hope to the Development of Human Tympanic Membrane?. *Tissue Engineering Part B: Reviews*. 2021 Feb 17.
- 185 Simorgh S, Bagher Z, **Farhadi M**, Kamrava SK, Boroujeni ME, Namjoo Z, Hour FQ, Moradi S, Alizadeh R. Magnetic Targeting of Human Olfactory Mucosa Stem Cells Following Intranasal Administration: a Novel Approach to Parkinson's Disease Treatment. *Molecular Neurobiology*. 2021 Apr 15:1-3.
- 186 Jalessi M, Bagheri SH, Azad Z, Firouzabadi FD, Amini E, Alizadeh R, Chaibakhsh S, Ghalehbaghi B, Hopkins C, **Farhadi M**. The outcome of olfactory impairment in patients with otherwise paucisymptomatic coronavirus disease 2019 during the pandemic. *The Journal of Laryngology & Otolaryngology*. 2021 Apr 22:1-0.
- 187 Jalessi M, Bagheri SH, Azad Z, Firouzabadi FD, Amini E, Alizadeh R, Chaibakhsh S, Ghalehbaghi B, Hopkins C, **Farhadi M**. Balloon sinuplasty: two-year follow up using Sino-Nasal Outcome Test-22 outcomes. *JOURNAL OF LARYNGOLOGY AND OTOTOLOGY*. 2021 May 1;135(5):426-35.
- 188 Montazeri K, **Farhadi M**, Fekrazad R, Akbarnejad Z, Chaibakhsh S, Mahmoudian S. Transcranial photobiomodulation in the management of brain disorders. *Journal of Photochemistry and Photobiology B: Biology*. 2021 May 5:112207.
- 189 **Farhadi M**, Razmara E, Balali M, Hajabbas Farshchi Y, Falah M. How Transmembrane Inner Ear (TMIE) plays role in the auditory system: A mystery to us. *Journal of Cellular and Molecular Medicine*. 2021 May 13.
- 190 Alizadeh R, Boroujeni ME, Kamrava SK, Tehrani AM, Bagher Z, Heidari F, Bluysen HA, **Farhadi M**. From Transcriptome to Behavior: Intranasal Injection of Late Passage Human Olfactory Stem

- Cells Displays Potential in a Rat Model of Parkinson's Disease. ACS Chemical Neuroscience. 2021 May 28.
- 191 **Farhadi M**, Boroujeni ME, Kamrava SK, Bagher Z, Tehrani AM, Aghajanjpour F, Ezi S, Soltani R, Khatmi A, Alizadeh R. Implantation of human olfactory ecto-mesenchymal stem cells restores locomotion in a rat model of Parkinson's disease. *Journal of Chemical Neuroanatomy*. 2021 Jul 1;114:101961.
- 192 Maleki S, **Farhadi M**, Kamrava SK, Asghari A, Daneshi A. Simulation and In Vitro Experimental Studies on Targeted Photothermal Therapy of Cancer using Folate-PEG-Gold Nanorods. *Journal of Biomedical Physics & Engineering*. 2021 Aug;11(4):435.
- 193 Vafae-Shahi M, Farhadi M, Razmara E, Morovvati S, Ghasemi S, Abedini SS, Bagher Z, Alizadeh R, Falah M. Novel phenotype and genotype spectrum of NARS2 and literature review of previous mutations. *Irish Journal of Medical Science (1971-)*. 2021 Aug 10:1-4.

### **Books:**

1. **Farhadi M**, Behzadian Nejad G. A Review of Infectious Sinusitis. Jahad Daneshgahi of Tehran University of Medical Science publication, Tehran, 1991.
2. Daneshi A, **Farhadi M**. Auditory Brainstem Response and Electrocochleography in Diagnosis of Hearing System and Brain diseases. Tarbiat-Modarres University Publication, Tehran, 1992.
3. Daneshi A, Ahmadizadeh SM, **Farhadi M**. Temporal Bone Surgical Dissection Manual (Translation), Iranian Science and Research Development Institute Publication, Tehran, 2002.
4. **Farhadi M** and other members of Cochlear Implant Team. Hearing Rehabilitation. Welfare and Rehabilitation Faculty Publication, Iran University of Medical Sciences, Tehran, 1994.
5. **Farhadi M**,. Jalesi M. Frontal Sinusitis. ENT-HNS Research Center Publication, Tehran 2007.
6. Samile Noorbakhsh, **Farhadi M**. Role of Infections factors in children sensoryneural Hearing Loss. ENT-HNS Research Center Publication , Tehran 2008
7. Pousti S-B, Ghanbari H, Asghari A-M, Amin Tehran E, **Farhadi M** . The Principles of Dermatological Surgery , Tehran 2011
8. **Farhadi M**, Izadi F, Ghanbari H . Atlas of Airway Management. Tehran 2013
9. **Farhadi M**, Ghaffari M . The history of ENT Diseases from the bigging of Eslamic era to Darolfonoon Establishment.
10. Iranian Sleep Apnea Adapted Clinical Guideline.2020
11. Iranian Acute Rhinosinusitis Adapted Clinical Guideline.2020
12. Iranian Chronic Rhinosinusitis Adapted Clinical Guideline.2020

### **Award**

1. Arab Health INGEBORG and ERWIN HOCHMAIR AWARD 18 Jan 2006 to **Dr.Mohammad Farhadi** .
2. The "KARL STORA "Award for Excellence in Teching presented to **Dr.Mohammad Farhadi** 8<sup>th</sup> Annual Middle East Update in Otolaryngology Exhibition Head and Neck Surgery.
3. Top Researcher of University in 2008-2009
4. Allame Tabatabaei Award. National elites Foundation 2012

### **Patents:**

1. Abbasi F, Jolly C, **Farhadi M**, Hochmair ES, Mirzadeh H. Intra-Cochlear Electrode with a Partially Detachable Hydrophilic Segment For Deferred Self-Positioning. United State Patent No.20030078516. Publication Date 09/13/2002.
2. Novitsky YA, Madani H, Gharibdoust F, **Farhadi M**, Farzamfar B, Mohraz M. USE OF COMBINATION OF ETHANOLIC ROSA SP., URTICA DIOICA AND TANACETUM VULGARE EXTRACTS, FUTHER COMPRISING SELENIUM AND UREA HAVING BEEN EXPOSED TO A PULSED ELECTROMAGNETIC FIELD, FOR THE

PREPARATION OF A MEDICAMENT FOR IMMUNOSTIMULATION AND/OR TREATMENT OF HIV INFECTIONS. Publication Number WO/2007/087825. Publication Date 09/08/2007.

3. **Farhadi M**, Kamrava K, Seifi A. Design & Implementing of Optical Arm of CO2 Laser Medicine. Patent Number 43586. Date of Patent 1386/8/5 (October 2007). Iran Patent Office. Tehran, Iran.
4. **Farhadi M**, Kamrava K, Seifi A. Design & Implementing of Evaluation Equipment of Qualification Laser Medicine Beam. Patent Number 43583. Date of Patent 1386/8/5 (October 2007). Iran Patent Office. Tehran, Iran.
5. **Farhadi M**, Ghanbari H. Presentation of registered "*tonsillar dissector*" in 59<sup>th</sup> exhibition of invention in 1-4 November 2007 in Nuremberg, Germany
6. Ghanbari H, **Farhadi M**. First Innovator of "*Disposable tonsillar dissector*" registered in Iran, Patent No: 55399/1387/9/18 (8Dec, 2008) and is in processing for registration in America
7. Ghanbari H, **Farhadi M**. Afrishet . registered in Iran, Patent No:86020 ( 7/04/1394)
8. **Farhadi M**, Ghanbari . Tonsillar Suction Dissector. Registered in United State Patent. Patent No:US 8,728,090 B2 (May 20,2014)

#### Literatures Presented in Conferences:

1. Proper Selection patient for Cochlear Implant (Clinical, Audiological and Radiological Evaluation). Cochlear Implant in Deaf Rehabilitation Conference. School of Rehabilitation Sciences, Tehran, Iran, 1991.
2. In View of the Effects of Addiction (Alcohol, Opium, and Tobacco) On Laryngeal Cancer. 7<sup>th</sup> Asia –Ocean Congress of Otolaryngological Societies. Hong Kong, 1991.
3. The Scientific Comparison of Head & Neck Diseases in Traditional & Current Scientific References. International Congress on Medical History in Islam and Iran. 1991.
4. Evaluation and Management of Speech Disorders in Patients with Velopharyngeal Incompetence. 2<sup>nd</sup> ENT-Head & Neck Surgery Congress, Tehran University. Tehran, Iran, 1992.
5. History of cochlear implantation. The Second Cochlear Implant Conference in Iran. School of Rehabilitation Sciences. 1993.
6. Assessment of Site of Involvement In Facial Nerve Trauma. Annual ENT- Head & Neck Surgery Congress, Tehran University. Tehran, Iran, 1993.
7. Future Domain of Natural Medicine or Engineering Industrial Medicine. The International congress for the Advancement of Science and Technology in the Islamic world, Tehran University. Tehran, Iran,1993
8. A Report of Cochlear Implant Projection in the Islamic Republic of Iran. 3<sup>th</sup> International cochlear implant conference, Innsburg, Austria, 1993.
9. Auditory Perception In Three Postlingual Patients With Nucleus Cochlear Implant Mini System 22. International Cochlear Implant, Speech and Hearing Symposium, Melbourne Australia; 1994.
10. Pharynx (Hypopharynx and Larynx) Reconstruction. 7<sup>th</sup> Congress of Head and Neck Tumors, Emam Khomeini Medical complex. Tehran, Iran; 1994.
11. Endoscopic Diagnosis and Treatment of CSF Rhinorhea and Otorrhea. Second Symposium on Skull Base Surgery, Iran University of Medical Sciences. Tehran, Iran; 1996.
12. Audiological & Speech Results in Iranian CI Pediatric Patients. The Third European Symposium on Pediatric Cochlear Implantation. Hanover, Germany; 1996.
13. Cochlear implant protocol in Iran for adults and children. The Third European Symposium Pediatric Cochlear Implantation. Hanover, Germany; 1996
14. Cochlear implant in Children. The Third European Symposium Pediatric Cochlear

- Implantation. Hanover, Germany; 1996
15. Seventeen Case Reports on Audiological & Speech Results in Iranian C.I. Patients. The First Asia- Pacific Symposium on Cochlear and Related Science, Kyoto, Japan;1996
  16. Report of 600 Cases of Endoscopic Sinonasal Surgeries. Nasal Diseases and Endoscopic Sinus Surgery Congress. Tehran, Iran, 1997.
  17. Medical & surgical aspects of cochlear implantation surgery (a review of 100 cases).4<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Hertogenbesch, Netherlands, 1998.
  18. A demographic study and outcomes of cochlear implantation for children in Iran. 4<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Hertogenbesch, Netherlands, 1998.
  19. Management & control of gusher during the cochlear implant surgery. The Second Congress of Asia Pasific Symposium on Cochlear Implant & Related Sciences, Seoul, Korea, 1999.
  20. 4 case reports of split Med-El implant in ossified cochlear. Split Electrode Meeting in Frankfurt, Germany, 1999.
  21. CSF Rhinorhea. International Congress of Iran Skull Base Surgery, Mashad, Iran, 1999.
  22. Cochlear Implantation in Iran. A Report of 190 Cases. The Second Congress of Asia Pacific Symposium on Cochlear Implant and Related Sciences, Seoul, Korea, 1999.
  23. Speech Understanding in Quiet and Noise with the CIS Speech Coding Strategy (Med-El Combi 40) Compared to the ACE Strategy (Nucleus 24). The 6<sup>th</sup> International Cochlear Implant Conference, Miami, Florida, USA, 2000.
  24. Cochlear Re-Implantation. The 6<sup>th</sup> International Cochlear Implant Conference, Miami, Florida, USA, 2000.
  25. Compare the ACE Strategy (Nucleus 24) and CIS Strategy (MED-EL Combi 40) in Quiet and Noisy Environments. Electronic Implants in Otology &Conventional Hearing Aids, Birmingham, UK, 2000.
  26. Neuroelectrical Stapedial Reflex Thresholds .5th European Symposium on Pediatric Cochlear Implantation, Antwerp, Belgium, 2000.
  27. The Effect of Age on Auditory Perception Development in Cochlear Implanted Congenitally Deaf Children.5<sup>th</sup> European Symposium on Pediatric Cochlear Implantation ,Antwerp, Belgium, 2000.
  28. Advance Endoscopic Sinus Surgery. The 17<sup>th</sup> World Congress of the International Federation of Otorhinolaryngological Societies (IFOS), Cairo, Egypt, 2002.
  29. Demographic Study and the Outcomes of Cochlear Implant for Children in Iran. 17<sup>th</sup> World Congress of the International Federation of Otorhinolaryngological Societies (IFOS), Cairo, Egypt, 2002.
  30. One Decade Cochlear Implant Experience in Iran. The First International Symposium on Cochlear Implants & Related Sciences, Tehran, Iran.2002
  31. Endoscopic Dacriocycotorhinostomy. 12<sup>th</sup> Ophthalmology Congress. Tehran, Iran, 2002.
  32. Use of KTP laser in ENT. The VIII International Otolaryngology-Head & Neck Surgery Congress, Tehran, Iran, 2003.
  33. Cochlear Implantation in Ossified Cochlea.4<sup>th</sup> International Symposium on Electronic Implants in Otology & Conventional Hearing Aids. Toulouse, France, 2003.
  34. Complications of cochlear implant surgery. 7<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Geneva, Switzerland, 2004.
  35. Cochlear Implantation in Children with Additional Disability. 10<sup>th</sup> Asia Oceania ORL-Head & Neck Congress, Kuala Lumpur, Malaysia, 2004.
  36. Use of Laser, Radiofrequency and Coblation in Management of Snoring. First seminar of Sleep Disorders and Occupational Activities. Tehran, Iran, 2004.
  37. Advance Endoscopic Sinus Surgery. 10<sup>th</sup> Asia Oceania ORL-Head & Neck Congress, Kuala Lumpur, Malaysia, 2004
  38. Demographic Study and the Outcomes of Cochlear Implant for Children in Iran. 10<sup>th</sup> Asia-Oceania ORL-Head & Neck Congress, Kuala Lumpur, Malaysia, 2004.
  39. Obstructive Apnea-Central Apnea. First Seminar on Sleep Disorders, Diagnoses Modalities, and Treatments. Tehran, Iran, 2005.
  40. Auditory Electrical Tinnitus Suppression in Patients with and Without Implants. The 5<sup>th</sup> Asia Pacific Symposium on Cochlear Implant and Related Sciences, Hong Kong 2005.
  41. Gram-negative Organisms after ENT Surgery in Children. The 25<sup>th</sup> International Symposium on Infection and Allergy of the Nose, Zurich, Switzerland, 2005.
  42. Cochlear Implantation in Children with Waardenburg Syndrome. Cochlear Implant

- Conference, Stellenbosch, South Africa, 2005.
43. Long Term Results of Cochlear Implantation in Postlingually Deaf Patients With Totally Ossified Cochlea. 9<sup>th</sup> International Conference on Cochlear Implants and Related Sciences, Vienna, Austria, 2006.
  44. Blink Reflex and Auditory Speech Perception in Prelingually Cochlear-Implanted Children. 9<sup>th</sup> International Conference on Cochlear Implants and Related Sciences, Vienna, Austria, 2006.
  45. Photodynamic Therapy (PDT) in Treatment of Head & Neck Carcinomas. 10<sup>th</sup> International Congress of Iranian Society of Otorhinolaryngology, Head & Neck Surgery. Tehran, Iran. 2007.
  46. Histopathological and Clinical Effects of Irradiation with 630 and 860 NM Low Power Laser combination on Rabbit Ear Cartilage Perforation Repair. 10<sup>th</sup> International Congress of Iranian Society of Otorhinolaryngology, Head & Neck Surgery. Tehran, Iran. 2007.
  47. Image- guide surgery of the paranasal sinuses and skull base .11<sup>th</sup> International congress of Iranian Society of Otolaryngology Head & Neck Surgery. 22-25 Oct 2008 Tehran, Iran.
  48. Poly somnography updates for Otolaryngologists. 11<sup>th</sup> International congress of Iranian Society of Otolaryngology Head & Neck Surgery. 22-25 Oct 2008 Tehran, Iran.
  49. Evaluation of Mycoplasma and Chlamydia Infection with PCR Method and Serology in patients with Nasal Polyps and normal Subjects. 11<sup>th</sup> International congress of Iranian Society of Otolaryngology Head & Neck Surgery. 22-25 Oct 2008 Tehran, Iran.
  50. The Stepwise Morphological Characterization of Differentiated Mesenchymal Stem Cell to Hair Cells. 11<sup>th</sup> International congress of Iranian Society of Otolaryngology Head & Neck Surgery. 22-25 Oct 2008 Tehran, Iran.
  51. Paranasal Sinus Lesions. 2<sup>nd</sup> International Neurosurgical Symposium 28-30 Nov. 2008 Tehran, Iran
  52. Parasellar Sinus and Petrous Bone . 2<sup>nd</sup> International Neurosurgical Symposium 28-30 Nov. 2008 Tehran, Iran
  53. The rate of satisfaction during endoscopic management of cerebrospinal fluid rhinorrhea: A comparison between propofol-remifentanyl and isoflurane-remifentanyl. 10<sup>th</sup> Asian and Oceania Congress of Regional Anesthesia and Pain Medicine 15-17 May .2009 Jinan, China.
  54. The LMA CTrach, a new approach for endotracheal intubation: evaluation in 100 Iranian patients. The 1<sup>st</sup> International congress of airway Management and Anesthesia in Head & Neck Surgery 20-22 may 2009 Tehran- Iran.
  55. Drug eluting Cochlear Implant Coating: An animal model Study. 9<sup>th</sup> International Seminar on Polymer Science and technology. Iran Polymer and petrochemical Institute, 17-21 October Tehran- Iran.
  56. Laser and Image guided surgery in PNS and Skull Base. 1<sup>th</sup> seminar Endoscopic sinus surgery 21-22 Jan 2010 Mashhad – Iran
  57. Dexamethasone eluting cochlear implant: Histological study in animal model. Cochlear Implants International. 2011 Tehran – Iran
  58. Persian Otolaryngology, Neurotology, and Skull-base Congress Bimodal (hybrid) cochlear implant 13 Nov 2019
  59. How did endoscopy make its way to rhinology and skull base surgery- Iranian rhinology Society 27 Nov 2019

### Current Research Projects:

#### Completed Projects:

1. Kamrava K, **Farhadi M**, & et al. Analysis of clinical and tissue effects of 630 and 860 nm low watt laser in making a hole in rabbit's ear. ENT & Head & Neck Research Center; IUMS.
2. **Farhadi M**, Kamrava K., & et al. Application of Photodynamic Therapy (PDT) for Treatment of Head & Neck Carcinomas. ENT & Head & Neck Research Center; IUMS.

3. **Farhadi M**, Mahmoudian S, Kamrava K, & et al. The Evaluation of Low Level Laser Therapy (LLLT) in Treating of Chronic Tinnitus by ECochG and DPOAEs Monitoring. ENT & Head & Neck Research Center; IUMS.
4. **Farhadi M**, Alirezaei N, & et al. Comparison Nasal Obstruction and Discharge after Turbinoplasty with Diod-Laser and KTP-Laser. ENT & Head & Neck Research Center; IUMS.
5. Djalesi M. Mahmoudian S, **Farhadi M**, Sajedi H. Supported by Iran National Science Foundation (INSF) and collaborated by ENT-Head & Neck Research Center, IUMS. "Design and Implementing of New Complete Package of Diagnosis and Management of Tinnitus (Hardware and Software) by Using of Auditory Electrical and Acoustical Stimulation." Since 2006.
6. Mahmoudian S, **Farhadi M**, Ghodrati Toostani E, Beity S., Mottaghian S. Collaborated and supported by ENT-Head & Neck Research Center, IUMS, and Fanavaran Gostaresh Salamat (FGS) . "Implementation of Software package for Brain Image processing of advanced Nuclear Medicine with PET and SPECT images Techniques by means of superimposing method of MR, in tinnitus sufferers". Since 2007.
7. **Farhadi M** , Amin Tehran E, Taba tabaie A, Lymphocytic subtype ( anti HLADR-CD19,CD 2,CD11, CD 3) and antigen-specific IgE antibody in nasal polyposis, in ENTresearch center, Hazrat rasool Akram hospital.
8. **Farhadi M** ,Mahmoudian S ,Daneshi A, yazdanparast V .The effects of Auditory Electrical Stimulation on tinnitius improvement and associated Psychological complaints.
9. **Farhadi M**, Mahmoudian S, Ghodrati Toostani E .Design and structure of A new evice for auditory electrical stimulation for suppression of tinnitus.
10. **Farhadi M** ,Kamrava SK, Rahmani .The effect of Low Level Laser Therapy in patients suffering from tinnitus.
11. **Farhadi M** , Emamdjomeh H, Bayat A. A comparison of bone conduction thresholds pre- and post operative mastoidectomy in both ears
12. **Farhadi M** ,Torbatian MM , Alirezaie N . Comparison nasal obstruction and discharge after turbinoplasty with diod-LASER and KTP\_LASER.
13. **Farhadi M** ,Kamrava SK . Effectiveness of PDD and PDT on SCC of the head and neck
14. **Farhadi M** , Mahmoudian S , Hooshmand M, Falah M. DNA bank of hereditary hearing impairment

#### **Current Research Projects:**

1. **Farhadi M**, Mahmoudian S, Saddadi F, and et al. Collaborated and supported by ENT-Head & Neck Research Center, IUMS, and Institute of Nuclear Medicine. "Clinical Trial Brain Receptors Deficiency Targeted Therapy for Chronic Tinnitus Control by Gabapenthin & Auditory Electrical Stimulation with Using of Electrophysiology and Brain Imaging by Advanced Nuclear Medicine Methods." Since 2005.
2. **Farhadi M**, Kamali M, Farzampour SH, & et al. Collaborated and supported by Presidency Office of Technological Cooperation, "Transplantation of Auditory Hair Cells Differentiated from Stem Cells into Deaf Rats". Since 2006.
3. **Farhadi M**, Mahmoudian S. Amintehran M.E. and et al. Collaborated and supported by ENT-Head & Neck Research Center, IUMS, and Khuzestan Metal Industrial Co. "The Survey of Hearing Loss and Tinnitus problems and Associated Complaints between Industrial Workers". Since 2006.
4. Mahmoudian S, **Farhadi M**, Torabinejad F., and et al. Collaborated and supported by ENT-Head & Neck Research Center, IUMS, and Faculty of Rehabilitation Sciences. "A Comparison between Characteristics of Voice and Crying Sound in Normal Children and Children with Congenital Hearing Loss from Birth to 24 Months Old." Since 2007.
5. **Farhadi M** , Tabatabaie A, shamshiri A , Javadi nia Sh. Cytokine gene expression of TH1 and TH2 lymphocytes in allergic and non \_allergic patients with nasal polyp by PCR method
6. **Farhadi M** , Kamali M, Transplantation of differentiated mesenchymal stem cells to hair cells to deafened guinea pig
7. **Farhadi M** , Mahmoudian S , Hooshmand M, Falah M DNA bank of hereditary hearing impairment( faz 2)
8. **Farhadi M** Evaluation of IMOD effect on course of Recurrent Respiratory Papillomatosis



9. **Farhadi M** ,Hooshmand M,dr Akbaroghly. Study of TMIE gene mutations in a group of patients affected with Non- syndromic hearing loss in Iran
10. **Farhadi M** , Tabatabaie A, Shamshiri A R, Bakhshyesh F To determine the levels OFHeat Sock Ptoein 70 Ab(HAP70)in serum and perily Mphatic fluid OF idiopathic SNHL and ComparisION with hereditary SNHL in cochlear implanted children

### Supervised Thesis:

#### General Medicine Theses Supervised:

1. **Farhadi Mohammad**, Begheri Hasan. Application of laser in head and neck surgery. 1986. Iran University of Medical Sciences.
2. **Farhadi Mohammad**, Kaffashi Mohsen. The Effects of Addiction (Alcohol, Opium, and Tobacco) on Laryngeal Cancer. 1990. Reg. No: 466. Iran University of Medical Sciences.
3. **Farhadi Mohammad**, Sabute Maryam. Bell's palsy: Surgical indications and decompression surgery in Ghaem Hospital and Emam Reza Hospital between 1989 and 1990. 1991. Reg. No: 2469, Mashad University of Medical Sciences.
4. **Farhadi Mohammad**, Sargolzayi Mohammad Ashraf, Farazmand Mahnaz, Farjadian Hamidreza. Sinusitis in Children. 1993, Mashad University of Medical Sciences.
5. **Farhadi Mohammad**, Oveysi Jamshid. Perspective Analysis of Malignant Laryngeal Tumors and Treatment Modalities Used in Hazrat Rasoul Hospital between 1992 and 1993. 1994. Reg. No: 1143, Iran University of Medical Science.
6. **Farhadi Mohammad**, Hoseyni Seyednejat. Tracheostomy. 1994. Reg. No:1182, Iran University of Medical Science.
7. **Farhadi Mohammad**, Nabavi NazaninSadat. Value of Fine Needle Aspiration in Diagnosis of Neck Masses in 50 Cases in the Department of ENT–Head & Neck Surgery; Hazrat Rasoul Akram Hospital. 1994. Reg. No:1717, Iran University of Medical Sciences.
8. **Farhadi Mohammad**, Torabi Masoumeh. Prevalence of Sleep Apnea Syndrome in Adults and Children. 1994. Reg. No: 1493, Iran University of Medical Sciences.
9. **Farhadi Mohammad**, Asadi Anoshe, Ilchi Masoumeh. Endoscopic Sinus and Nasal Surgery. 1994. Reg. No: 1346/1-1346/2, Iran University of Medical Sciences.
10. **Farhadi Mohammad**, Akhtari Alireza. Ultrasound in Chronic Maxillary and Frontal Sinusitis in 100 Cases in Hazrat Rasoul Akram Hospital. 1994. Reg. No:1158, Iran University of Medical Sciences.
11. **Farhadi Mohammad**, Taslimi Aliakbar. Trigeminal Neuralgia. 1995. Reg. No:1803, Iran University of Medical Science.
12. **Farhadi Mohammad**, Keykhah Amir. Intracranial Complications of Middle Ear Infections. 1995. Reg. No: 60085, Azad University of Medical Sciences.
13. **Farhadi Mohammad**, Baradaran Ebrahimi Katayoun. Assessment of Complications and Colesteatoma Formation in 100 Cases of Chronic Otitis Media. 1995. Reg. No:1949, Iran University of Medical Science.
14. **Farhadi Mohammad**, Afghani Mostafa. Analysis of Hearing Status in Adult Patients with Unilateral COM before and after Surgery. 1995. Reg. No: 991, Iran University of Medical Sciences.
15. **Farhadi Mohammad**, Sabbagh Savogbolagh Fattah, Abbaspour Alireza. Assessment of Patients with Nasal Obstruction Referring to Hazrat Rasoul Akram Hospital from Its Foundation. 1995. Reg. No: 1752/1-1752/2. Iran University of Medical Science.
16. **Farhadi Mohammad**, Valvi Ehsan, Samadzadeh Davar. Subglottic Stenosis in 40 Cases in Hazrat Rasoul Akram Hospital. 1996. Reg. No: 1972/1-1972/2, Iran University of Medical Sciences.
17. **Farhadi Mohammad**, Akhtari Hamidrez. Assessment of the Results of Direct Laryngoscopy in Hazrat Rasoul Akram Hospital during Five years. 1996. Reg. No: 2338, Iran University of Medical Sciences.

18. **Farhadi Mohammad**, Pirhadi Mohammadreza. Assessment of the Results of Septoplasty in 30 Cases in Hazrat Rasoul Hospital in 1995. 1996. Reg. No: 2235, Iran University of Medical Sciences.
19. **Farhadi Mohammad**, Gashtasbi Goharrizi Afshin. Evaluation of Endoscopic Sinus Surgery in treatment of Nasal Polyposis. 1996. Reg. No: 2074, Iran University of Medical Sciences.
20. **Farhadi Mohammad**, Bagheri Mansouri Mohammad. Analysis of Coincidence of Asthma and Nasal Polyposis in 70 Patients Referring to Hazrat Rasoul Hospital between 1994 and 1996. 1997. Reg. No: 2361, Iran University of Medical Sciences.
21. **Farhadi Mohammad**, Amiri Mojtaba. Etiology, Manifestations, and Managements of Sinusitis in Children in Hazrat Rasoul Hospital between 1994 and 1996. 1997. Reg. No: 2502, Iran University of Medical Sciences.
22. **Farhadi Mohammad**, Habibi Sousan. Effect of Uvulopalatoplasty with Laser (LAUP) Comparing with Radiofrequency on Improvement of Snoring. 2005. Reg. No: 3774, Iran University of Medical Sciences.
23. **Farhadi Mohammad**, Zarrabi Vida, Jourabchi Amirreza. Color Doppler indices in Benign and Malignant Cervical Lymph Nodes. 2006. Reg. No: 3582, Iran University of Medical Sciences.
24. **Farhadi Mohammad**, Hossein Mohammadi. Evaluation of the prevalence of Mycoplasma and Without nasal polyps by PCR and serologic method in Rasool Akram Hospital year 2005-2006. No:1577 . . Iran University of Medical Sciences.
25. **Farhadi Mohammad**, Zarei Marzieh. Study of the therapeutic effectiveness of Gabapentin in patients with chronic subjective idiopathic Tinnitus. 2007 and 2008 No: 2319 . Iran University of Medical Sciences.
26. **Farhadi Mohammad**, Nasim Nik Toreh. Comparison between advanced Diagnostic Brain Imagings (PET, SPECT) in Patients with severe chronic one sided Tinnitus and Normal population 2007-2008 Iran University of Medical Sciences.
27. **Farhadi Mohammad**, S.Shali Khamesi . Description and Evaluation of Endonasal Surgeries with Image- Guided Navigation System in patients Admitted to Rasool Akram Hospital during 1380-1387 Tehran University of Medical Science. 2011-2012

### **M.S. Theses Supervised:**

1. **Farhadi Mohammad**, Sadoughi Mahmoud, Kiamanesh Alireza, Faksri Zahra, Kosarian Shahab, Naghdi dorabati Soufia. The Effect of Ultrasound in the Treatment of Maxillary and Frontal Chronic Sinusitis. 1993. Reg. No: 42, Rehabilitation Faculty of Tehran University of Medical Science.
2. **Farhadi Mohammad**, Tanoumand Asghar. Anaerobic Etiologic Factors in sinusitis. 1994. Tarbiat-Modarres University.
3. **Farhadi Mohammad**, Shahin Asghar. Aerobic Bacterial Causes of Chronic Otitis Media in Patients. 1995. Tarbiat-Modarres University.
4. **Farhadi Mohammad**, Sarmad Zohre, Behpajouh Ahmad, Hassanzadeh Sayid. The effect of Auditory Training on Hearing Perception in Children with Severe Hearing Loss. Reg. No: 1995. Psychology Faculty, Tehran University.
5. **Farhadi Mohammad**, Kiamanesh Alireza, Naghdi dorabati Soufia, Takavar Ganjabadi Gholamreza. The Effects of Intermittent Ultrasound in Management of Chronic Maxillary and Frontal Sinusitis. 1997. Reg. No: 65, Rehabilitation Faculty, Tehran University of Medical Science.
6. **Farhadi Mohammad**, Emamjome Hessameddin, Bayat Arash. The Effect of Drilling on Bone Conduction Hearing Thresholds after Mastoidectomy. 2003. Reg. No: 231-37SH. Rehabilitation Faculty, Iran University of Medical Sciences.
7. **Farhadi Mohammad**, Yazdanparasti Vahideh. The Effects of External Electrical Stimulation on Tinnitus Suppression and its Consecutive Complains. 2004. Faculty of Rehabilitation Sciences, Iran University of Medical Science.
8. **Farhadi Mohammad**, Mortazavi Ide. Study of Biomechanical Behavior of Ossicular Prosthesis of Middle Ear Considering Length Effect and Compare it with Normal Ossicles with "Limited Part" Technique. 2004. Faculty of Medical Engineering, Science and Research Unit of Azad University.
9. **Farhadi Mohammad**, Rahmani Maryam. The Effect of low Level laser on Tinnitus and Electrocochleography and Otoacoustic Emissions Tests indices. 2005. Faculty of Rehabilitation Sciences; Iran university of Medical Sciences.
10. **Farhadi Mohammad**, Maryam Balali . An investigation of common mitochondrial MT-RNR1 and MT-TL1 genes in Iranian patients with Cochlear Impalnt . Winter 2014 Islamic Azad University.

### **E.N.T. Specialty Theses Supervised:**

1. **Farhadi Mohammad**, Hirbod Behnam. Reconstructions of Pharynx. 1993. Iran university of Medical Sciences.
2. **Farhadi Mohammad**, Mosaddeghi Ahmadali. Speech Changes after Reconstructive Surgeries of Palate and Pharynx and Speech Therapy. 1994. Reg. No: 440/T, Mash'had University of Medical Sciences.
3. **Farhadi Mohammad**, Ayati Mohammadreza. Non-Thyroidal Neck Masses in Adults. 1995. Reg. No: 15019, Iran University of Medical Sciences.
4. **Farhadi Mohammad**, Keshvarzi Aliasghar. Benign and Malignant Parotid Tumors during Five years in Hazrat Rasoul Akram Hospital. 1995. Reg. No: 15011, Iran University of Medical Sciences.
5. **Farhadi Mohammad**, Farhoudi Abbas. Epidemiologic Factors and Clinical Manifestation of Serous Otitis Media in Patients Referring to Hazrat Rasoul Akram Hospital between 1992 and 1994. 1995. Reg. No: 15023, Iran University of Medical Sciences.
6. **Farhadi Mohammad**, Amin Tehran Ebrahim. Endoscopic Dacrocystorhinostomy and its Results Comparing with Conventional Methods in Hazrat Rasoul Akram Hospital between 1994 and 1996. Reg. No: 1996. Iran university of Medical Sciences.
7. **Farhadi Mohammad**, Akhavan Asghar. Patient selection, Kinds of prosthesis and Methods of Cochlear Implantation in Patients referring to Hazrat Rasoul Akram Hospital between 1993 and 1996. 1996. Iran university of Medical Sciences.
8. **Farhadi Mohammad**, Kamrava Seyedkamran. Production and Application of Fibrin Glue in ENT-Head and Neck Surgeries. 1997. Iran University of Medical Sciences.
9. **Farhadi Mohammad**, Moshrefi Minoo. Evaluation of Diagnostic Value of Sinus Endoscopy in Diagnosis and Treatment of Sinonasal and Nasopharyngeal Diseases in Hazrat Rasoul Akram Hospital between 1993 and 1997. 1998. Reg. No: 1530, Iran University of Medical Sciences.
10. **Farhadi Mohammad**, Karkouki Oskouyi Nahid. Obstructive Sleep Apnea and the Effects of Laser in its Surgical Treatment in Hazrate Rasoul Akram Hospital between 1996 and 1998. 1998. Reg. No: 1536, Iran University of Medical Sciences.
11. **Farhadi Mohammad**, Abbasi Delvand Shakib. Anatomic Description of Main Trunk of Facial Nerve Where it Exits the Stylomastoid Foramen According to Important Adjacent Landmarks in Adult Cadavers. 2001. Reg. No: 1546, Iran University of Medical Sciences.
12. **Farhadi Mohammad**, Majid Ahmad Pour. A Study on common Infections Pathogenes ( Cytomegalovirus/Herpes Virus/ Humps Virus) of Middle Ear Perilymph in children with Cochlear Implant Using PCR. Iran University of Medical Sciences. 2006-2007

### **Lectures in Continuous Medical Education:**

1. Continuous Medical Education Program on Larynx Surgery- Part G Tehran, 1994.
2. Continuous Medical Education Program on ENT-Head & Neck Surgery Mashhad, 1994.
3. Continuous Medical Education Program on ENT-Head & Neck Surgery Tehran, 1994.
4. Continuous Medical Education Program on ENT-Head & Neck Surgery- part G, Tehran, 1995
5. Continuous Medical Education Program on ENT-Head & Neck Surgery Mashhad, 1995.
6. Continuous Medical Education Program on first International Congress of Ophthalmology Tehran, 1996.
7. Workshop on Practical Education and Evaluation in Medical Education, Tehran, 1996.
8. Continuous Medical Education Program on 9<sup>th</sup> Pediatric International Congress, 1998.
9. Continuous Medical Education Program on ENT-Head & Neck Surgery-part B, Tehran, 2000.
10. Continuous Medical Education Program for Otolaryngology's; Sinus Endoscope-Part 1. Diagnosis of CSF leakage with blue light technique. Tehran, Iran, 2002.
11. Continuous Medical Education Program on ENT-Head & Neck Surgery-part A, Tehran, 2002.
12. Workshop on Genetic Consultation in Hearing Loss, Tehran, 2002.
13. Continuous Medical Education Program on ENT-Head & Neck Surgery Tehran, 2003.
14. Panel on Navigation in Endoscopic Sinus surgery, Tehran, 2003.
15. Continuous Medical Education Program on ENT-Head & Neck Surgery-part B, Tehran, 2004.
16. First Workshop on New Diagnostic Modalities of Sleep Disorders. Tehran, Iran, 2004.
17. Inter National Symposium of Skull Base Surgery. Riyadh, Saudi Arabia 28-30 January 2006

18. 4<sup>th</sup> International Congress of Iranian Society of Oral & Maxillofacial Surgeons Tehran – Iran 20-22 Feb 2008
19. Diagnostic and Treatment Approach to Obstructive Sleep Apnea Conference. Ghazvin of University of Medical Sciences. 2 March 2008 – Ghazvin - Iran
20. Seminar on Temporal Bone and Base Skull Anatomy. 4 March 2008 Tehran – Iran
21. 2<sup>nd</sup> International Congress of Medical Ethics In Iran. Tehran – Iran 16-18 April 2008
22. Middle East Update In Otolaryngology Conference Provided by Arab Health Dubai United Arab Emirates 1-3 April 2009
23. Temporal Bone Workshop on EAS. Anatomisches Institut der Medizinischen Fakultät Wien 15-18 Oct 2009.
24. Vibrant Sound Bridge Symposium. MHH Hannover. 20-21 Feb 2009
25. Attended the first Endoscopic Sinus Surgery Workshop. Mashhad ,Iran 21-22 Jan 2010
26. One day seminar on Allergic Rhinitis. Department and Research center of ENT- Head and Neck Surgery Tehran of University of Medical Sciences. 21 Oct 2010 Tehran- Iran
27. 10<sup>th</sup> European Symposium on Pediatric Cochlear Implantation. Divani Apollon Palace Athen , Greece 12-15 May 2011
28. 14<sup>th</sup> Interim meeting of the world federation of Neurosurgical Societies 14-17 Sep 2011 BRAZIL
29. 4<sup>th</sup> International Neurosurgery Symposium. Held in Milad Hospital 29 Sep to 1 Oct 2011 Tehran – Iran
30. The 3<sup>rd</sup> Rhinology Congress of Iran. Tehran – Iran. Razi convention center 4-7 Oct 2011
31. Conference on Poly Somnography in Sleep – related Breathing Disorders Diagnosis. 9 Jun 2011. Tehran –Iran
32. 5<sup>th</sup> conference on Sleep Disorder. Emam Khomeyni Hospital. 19 May 2011 Tehran - Iran
33. Basic Sciences Dermatology, Surgery Photodynamic Therapy Photo bio stimulation and Dentistry and Related Topics Laser Iran. Tehran – Iran Emam Khomeini Hospital 16-17 Feb 2011
34. 2<sup>th</sup> international cochlear Implant .Hotel Espinas 11-13 October 2011 Tehran – Iran
35. Base of Skull Endoscopic Surgery Workshop .department and Research center of ENT- Head and Neck Surgery Tehran of University of Medical Sciences. 30 Jan 2012 /Tehran Iran
36. 1<sup>st</sup> Tehran Training course for Endoscopic Endonasal Skull Base Surgery ( on cadaver)(1- A) Tehran 31<sup>st</sup> Jan, 1<sup>st</sup> Feb, 2012