

Mohamed Farahat Ibrahim Desouky MD, Ph.D

Professor, ENT Department

Communication and Swallowing Disorders Unit

OtoRhinoLaryngology, Head and neck Department

College of Medicine, King Saud University

Riyadh, KSA

P.O.Box: 245, Riyadh, 11411

Tel.: 00966 11 478 6100 Ext. 3537 Fax: 00966 11 477 56 82

Mobile: 00966 505 29 26 22

<http://fac.ksu.edu.sa/mfarahat>

mfarahat@ksu.edu.sa

dr_farahat@hotmail.com



EDUCATION

College of Medicine, Ain Shams University, Cairo, Egypt — MB BCH, 1999

College of Medicine, Ain Shams University, Cairo, Egypt — Masters in Phoniatics,
2003 (*Assessment of swallowing function in Parkinson's disease*)

College of Medicine, Ain Shams University, Cairo, Egypt — Doctorate degree in
Phoniatics, 2008 (*Efficacy of Behavior ReAdjustment Therapy on neurogenic dysphagia*)

LICENCE

Saudi Commission for Health Specialist: Consultant Phoniatician

Licence number: 06-R-M-2924

CLINICAL EXPERIENCE

- Residents of Phoniatics, College of Medicine, Ain Shams University, Cairo
2001-2004
- Assistant lecturer of Phoniatics, College of Medicine, Ain Shams University,
Cairo 2004-2008

- Assistant Professor, Consultant Phoniatician, College of Medicine, King Saud University, Riyadh 2008-2012
- Associate Professor, Consultant Phoniatician, College of Medicine, King Saud University, Riyadh 2012-2017
- Professor, Consultant Phoniatician, College of Medicine, King Saud University, Riyadh Feb 2017-Present

PROFESSIONAL HEALTHCARE QUALITY EXPERIENCE

- Certified KPI Professional, KPI Institute. Certification Number: 10111604-519-CKPI2 Effective date: 10th of November 2015
- Chairman, KPI Steering Committee, King Abdelaziz University Hospital, College of Medicine, King Saud University 2015 Present.
- Member, ENT Canadian accreditation team, College of Medicine, King Saud University, Riyadh 2009 2012.
- Member, Patient safety and quality improvement team - September 2016 - Present.
- Attending “Physician engagement in quality improvement” workshop, conducted by Accreditation Canada International, 6-7 November, 2016, KSUMC, Riyadh, Saudi Arabia.

ADMINISTRATIVE RESPONSIBILITIES

- Chairman, Communication and Swallowing Disorders Unit (CSDU), ENT Department, College of Medicine, King Saud University, Riyadh March 2014 October 2016.
- Supervisor, Swallowing Disorders Clinics, King Khalid University Hospital, College of Medicine, King Saud University, Riyadh 2009 Present.
- International coordinator, World Swallowing Day 2011 Present.
- Member in the Research Chair of Voice, Swallowing and Communication disorders 2009 Present.
- Member, Undergraduate committee, ENT Department, College of Medicine, King Saud University, Riyadh 2014 Present.
- Chairman, Undergraduate committee, ENT Department, College of Medicine, King Saud University, Riyadh 2012 2014.

- **Deputy Chairman, Communication and Swallowing Disorders Unit (CSDU), ENT Department, College of Medicine, King Saud University, Riyadh 2009 2014.**
- **Member, Undergraduate committee, ENT Department, College of Medicine, King Saud University, Riyadh 2009 2012.**

SCIENTIFIC ACTIVITIES AND MEETINGS

1. Attending and participating in [The XVIIth World Congress of The International Federation of Oto-Rhino-Laryngological Societies (IFOS)], Cairo, Egypt 28th Sept. – 3rd Oct., 2002.
2. Attending and participating in [Third Mansoura Symposium on Phoniatics Entitled “Phoniatic Problems in ORL Practice”], 25th September 2003, Marshal El-Gezira Hotel, Mansoura, Egypt.
3. Attendance and participation in the ninth seminar on research methodology, Ain Shams University.
4. Attending 6 courses in the F.L.D.P center in Ain Shams University.
5. Completing the cognitive and the skills performance examinations in accordance with the standards of the association as: Basic life support provider, January 2009, KKHU, Riyadh, Kingdom of Saudi Arabia.
6. Paper presentation “Effect of Chin down position on aspiration resulting from neurogenic oro-pharyngeal dysphagia” in The 7th International Saudi ORL Society and The 8th International GCC ORL Society Conference, 2-5 March, 2009, Jeddah, Saudi Arabia.
7. Poster presentation in Otolaryngology –Head and Neck Surgery International Convention, 9-11 November 2009, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia.
8. Attending the Phonosurgery course in Otolaryngology –Head and Neck Surgery International Convention, 12 November 2009, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia.
9. Chairman of “The second International Conference of Voice and Swallowing Disorders”, 16-18 January 2010, KKHU, Riyadh, Kingdom of Saudi Arabia.

10. Attending “Dysphagia: Assessment and Treatment” by the Saudi society of Speech-Language Pathology & Audiology, at Mariot Hotel, 19 January 2010, Riyadh, Saudi Arabia.
11. Conducting a “FEES workshop” in The 7th Annual Middle East Update in Otolaryngology Head and Neck Surgery Conference and Exhibition, 14-February 2010, Dubai, UAE.
12. Paper presentation “Assessment of Swallowing Disorders” in The 7th Annual Middle East Update in Otolaryngology Head and Neck Surgery Conference and Exhibition, 14-February 2010, Dubai, UAE.
13. Panelist in a Panel Discussion on Voice and Swallowing Disorders in the 18th National Saudi ORL Society Symposium on 6 May 2010, Abha, Saudi Arabia.
14. Attending “Course design and construction” by the Deanship of skills development, during the academic year of 2010/2011, Riyadh, Saudi Arabia.
15. Attending “College effective teaching” by the Deanship of skills development, during the academic year of 2010/2011, Riyadh, Saudi Arabia.
16. Attending “learning outcomes assessment” by the Deanship of skills development, during the academic year of 2010/2011, Riyadh, Saudi Arabia.
17. Lecture presentation “Neuromuscular electrical stimulation” in The 18 th National Saudi ORL Society Symposium in Collaboration with the Directorate of Health Affairs-Aseer (Aseer Central Hospital) & KAU, held in Abha Place Hotel, 6 May 2010, Saudi Arabia.
18. Attending “The First Practical Medical Research Methodology” at King AbdulAziz University Hospital, 22-24 June 2010.
19. Attending “The 3rd conference of voice and swallowing disorders”, 19-21 March 2011, KAUH, Riyadh, Kingdom of Saudi Arabia.
20. Conducting a “FEES workshop” in The 7th Pan ARABFOS and 8th Saudi International ORL-H&N Surgery Congress, 22-24 March 2011, Dammam, Saudi Arabia.
21. Completing the certification as a “VitalStim® Therapy Provider”, 29-30 March 2011, at Sultan Bin Abdulaziz Humanitarian City, Riyadh, Saudi Arabia.
22. Conducting a “FEES workshop” in The 5th Laser and Bronchoscopy Course, 2-3 April 2011, KAUH, Riyadh, Kingdom of Saudi Arabia.

23. Conducting a “FEES workshop” in The 8th Annual Middle East Update in Otolaryngology Head and Neck Surgery Conference and Exhibition, 8-10 May 2011, Dubai, UAE.
24. Paper presentation “Validity and Reliability of Arabic VHI-10” in The 8th Annual Middle East Update in Otolaryngology Head and Neck Surgery Conference and Exhibition, 8-10 May 2011, Dubai, UAE.
25. Attending “The Second Practical Medical Research Methodology” at King AbdulAziz University Hospital, 7-9 June 2011.
26. Attending “Paediatric swallowing disorder course”, held at Riyadh Military Hospital, 7-11 January 2012, Saudi Arabia.
27. Conducting a “FEES workshop” in The 4th voice and swallowing conference, Feb. 2012, KKAU, Riyadh, Kingdom of Saudi Arabia.
28. “Accent Method of Voice Therapy Workshop”, as part of The 2nd Laser Surgery in Otolaryngology Head and Neck Surgery, Riyadh Military Hospital, 11-14 March 2012.
29. “Electrical stimulation therapy of Dysphagia, Fact or Myth?”, The 21st Saudi ORL Society Conference, 12 April 2012, Taif, Saudi Arabia.
30. Conducting a “FEES workshop” in The 6th Laser and Bronchoscopy Course, April 2012, KKAU, Riyadh, Kingdom of Saudi Arabia.
31. Presenting a mini-seminar: Management of Vocal fold paralysis at the Otolaryngology Conference, Madinat Jumeirah, April 2012, Dubai, UAE.
32. Attending “The Third Practical Medical Research Methodology” at King AbdulAziz University Hospital, 1-3 May 2012.
33. Attending “The subject Matter Expert Workshop” in the Saudi Commission for Health Specialties, 26 September, Riyadh, Saudi Arabia.
34. “Accent Method of voice therapy” Co-instructor, The 1st Kuwait Laryngology and Speech Conference, 3 December 2012, Kuwait.
35. “Development of Arabic version of Reflux Symptom Index”, paper presentation in The 4th Prince Sultan Military Medical City (PSMMC) International Congress in Otorhinolaryngology, Audiology and Communication Disorders, 25-26 February 2013, Al Faisaliah Hotel Riyadh.
36. Conducting a “FEES workshop” in The 7th Laser and Bronchoscopy Course, March 2013, KKAU, Riyadh, Kingdom of Saudi Arabia.

37. Attending “Basic life support provider course” by Medical education center, KCUH, College of Medicine, 9 March 2013, Riyadh, Saudi Arabia.
38. Conducting an instructional course “Electrical stimulation therapy of Dysphagia”, in The 10th Annual Middle East Update in Otolaryngology Head and Neck Surgery Conference and Exhibition, 21-23 April 2013, Dubai, UAE.
39. Attending “Objective structured Clinical Examination (OSCE) Workshop” at King AbdulAziz University Hospital, 14 May 2013, Riyadh, Saudi Arabia.
40. “Development of Arabic version of Reflux Symptom Index”, paper presentation in The 20th IFOS World Congress, 1-5 June 2013, Seoul, Korea.
41. Attending “The 2nd International Communication Disorders, Audiology and Neuro-Otology Conference (iCAN), at Alfaisalyah Hotel, 1-3 December 2013, Riyadh, Saudi Arabia.
42. Conducting a workshop titled “Acoustic analysis using computerized speech lab” in The 8th International Pan ARABFOS Conference, 4th Emirates Rhinology & Otology Conference, 3rd Arab & GCC Otology & Audiology Conference, 1st Advance Arab Academy of Audiovestibular Conference, 15-17 January 2014, InterContinental Festival City, Dubai, UAE.
43. Conducting a “FEES workshop” in The 8th Laser and Bronchoscopy Course, 2-3 March 2014, KAUH, Riyadh, Kingdom of Saudi Arabia.
44. Attending “Cochlear Speech Rehabilitation Workshop”, at King Abdulaziz University Hospital, 6 March 2014, Riyadh, Saudi Arabia.
45. Conducting a workshop on “Electrical stimulation therapy of Dysphagia”, in The 9th International Saudi OtoRhinoLaryngology Society – Head & Neck surgery conference, at Alfaisalyah Hotel, 4-6 March 2014, Riyadh, Saudi Arabia.
46. “Accent Method of voice therapy” Co-instructor, in The 15th Annual scientific meeting for communication disorders, 15-16 March 2014, JISH, Jeddah, Saudi Arabia.
47. Conducting an instructional course “Electrical stimulation therapy of Dysphagia”, in The 4th Annual National Congress of the Egyptian Society of Phoniatrics and Logopedics, 25-27 March 2014, Cairo, Egypt.
48. “Development of Arabic version of Reflux Symptom Index”, paper presentation in The Australian Society of Otolaryngology Head and Neck Surgery Annual Scientific Meeting, 29 March- 1 April 2014, Brisbane, Australia.

49. Attending “Laryngeal Course” as part of the Australian Society of Otolaryngology Head and Neck Surgery Annual Scientific Meeting, 29 March- 1 April 2014, Brisbane, Australia.
50. “Dysphagia Screening in Acute Stroke patients”, keynote lecture presentation in The 5th Emirates Rhinology & Otology Congress, 14-16 January 2015, Dubai, United Arab of Emirates.
51. “Development of Arabic version of Dysphagia Handicap Index”, paper presentation in The 3rd Congress of European ORL-HNS, 7–11 June 2015, Prague, Czech Republic.
52. Attending “Certified Key Performance Indicator Professional Course”, 8-11 November 2015, Riyadh, Saudi Arabia.
53. “Development of Arabic version of Dysphagia Handicap Index”, in the 6th Emirates Otorhinolaryngology audiology and communication disorders congress in joint meeting with the American Academy of otolaryngology Head and Neck surgery, 13-15 January 2016, InterContinental Festival City, Dubai, UAE.
54. “Effect of thermal stimulation on temporal measures in patients with neurogenic oropharyngeal dysphagia post-CVS”, in 10th International Saudi ORL Head and Neck Conference, 15-17 March 2016, Jeddah, KSA.
55. Farahat M, Accent Method of Voice Therapy Workshop, 4th Conference of the advanced Arab Academy of Audiovestibulogy, 26-28 November, 2016. Dead Sea, Jordan
56. Farahat M, Effect of tracheostomy on oropharyngeal swallowing physiology. The Emirates Otorhinolaryngology Audiology and Communication Disorders Congress In Joint Meeting with The French ENT Society. 18 to 20 January 2017, Dubai, United Arab. InterContinental Festival City, Dubai, United Arab Emirates

COURSE TEACHING

- Communication and Swallowing disorders undergraduate Lectures, Course ORL 432, ENT Department, College of Medicine, King Saud University, Riyadh.
 - Swallowing disorders undergraduate lectures, Applied Medical Science College, King Saud University, Riyadh.
-

BOOKS PUBLICATIONS

1. Farahat M. I can't swallow. In Hagar A., Tsxt Book, Problem Based Learning in Otorhinolaryngology Chapter 42, King Fahad National Library ISBN; 987-°©-603-°©-01-°©-4743-°©-2
 2. Farahat M. Oral and parenteral nutrition management in dysphagic patients. In Zehnhoff-°©-Dinnesen A, European Manual of Medicine Volume Phoniatrics.
-

RESEARCH ENROLMENT

1. Research group of Communication and Swallowing disorder, RGP-VPP-295, King Saud University, 150,000 SR. PI: Farahat M.
 2. Automatic Voice Pathology Detection System: approved by the National Plan of Science and Technology NPST. 2,000,000. Co: Farahat M.
-

PUBLICATIONS

1. Kotby, M.N., Hegazi, M.A., Kamal, I., **Farahat M.** Swallowing Problem, Air Flow and Voice Product. Proceeding of the XVIII IFOS World Congress (ed.) D. Passali, 2005, Rome, Italy
2. Malky, K., Nasser, N., Hassan, S., **Farahat M.** (2008): Accent method of voice therapy for treatment of severe muscle tension dysphonia. Saudi med J., vol.29 (4)
3. Kotby, M.N., Makhzangy, A., **Farahat M.**, Shady, M.: Posterior glottis. A paper presented at 26th international otolaryngology conference, 15-17 April (2008), Alexandria, Egypt
4. Al-Malki, K H; Nooh, N; Tashkandi, E; **Farahat M M**; Shedwi, A; Dahlawi, A. The Effect of Implant-supported Lower Denture versus Conventional Complete Denture on Speech. Saudi Journal of Oto-Rhino-Laryngology Head and Neck Surgery 2009; 11 (2): 52-58
5. Malki, K H; Al-Habib, S F; Hagr, A A; **Farahat M M.** Acoustic Analysis of Normal Saudi Adult Voices. Saudi Medical Journal 2009; 30 (8): 1081-1086. (Funded by Medical Research Center, College of Medicine, King Saud University)

6. Kotby MN, Hassan O, El-Makhzangy AM, **Farahat M**, Milad P. Gastroesophageal reflux/laryngopharyngeal reflux disease: a critical analysis of the literature. *Eur Arch Otorhinolaryngol*. 2010 Feb;267(2):171-9
7. Malki KH, Mesallam TA, **Farahat M**, Bukhari M, Murry T. Validation and cultural modification of Arabic voice handicap index. *European Archives of Otorhinolaryngol*, Aug, 2010
8. **Farahat M**. The role of Chin-Down position in eliminating aspiration for patients with oropharyngeal dysphagia. *Saudi journal of Oto-Rhinology Head and Neck Surgery* (2011) Vol. 13 No. 1, (Jan):32-7
9. Hassan SM, Malki KH, Mesallam TA, **Farahat M**, Bukhari M, Murry T. The effect of cochlear implantation and post-operative rehabilitation on acoustic voice analysis in post-lingual hearing impaired adults. *Eur Arch Otorhinolaryngol*. 2011 Feb 18
10. Hassan SM, Malki KH, Mesallam TA, **Farahat M**, Bukhari M, Murry T. The effect of cochlear implantation on nasalance of speech in post-lingually hearing impaired adults. *Journal of Vocie*. 2012 Sep;26(5):669
11. Ghulam M, Mesallam TA, Malki KA, **Farahat M**, Suliman M, Bukhari M. Automatic Arabic digit speech recognition and formant analysis in dysphonic patients. *Biomedical Journal of signal processing* 2011;30:10-41
12. Humaid H, Bukhari M, Rikabi A, **Farahat M**, Mesallam T, Malki K, Aldkhyyal A. Laryngeal myofibroblastic tumor: case series and literature review. *Int J Health Sci (Qassim)*. 2011 Jul;5(2): 187-95
13. Mesallam TA, Khalil YA, Malki KH, **Farahat M**. Medialization thyroplasty using autologous nasal septal cartilage for treating unilateral vocal fold paralysis. *ClinExp Otorhinolaryngol*. 2011 Sep;4(3):142-8
14. **Farahat M**. Validation and Reliability of Arabic Voice Handicap Index -10 (VHI-10). *Saudi journal of Oto-Rhinology Head and Neck Surgery* (2012) Vol. 14 No. 1, (Jan):11-17

15. Shoeib R, Malki K, Mesallam T, **Farahat M**, Shehata Y. Development and validation of the Arabic pediatric voice handicap index. *International Journal of Pediatric Otorhinolaryngology* 2012;76:1297–1303
16. Ghulam M, Mesallam T, Malki K, **Farahat M**, Mahmood A, Alsulaiman M. Multidirectional Regression (MDR)-Based Features for Automatic Voice Disorder Detection. *Journal of Voice*. 2012 Nov;26(6):817.e19-27
17. **Farahat M**, Malki M, Mesallam T. Development of the Arabic version of Reflux Symptom Index. *Journal of Voice*. 2012 Nov;26(6):814.e15-9
18. Mesallam TA, Malki KH, **Farahat M**, Bukhari M, Alharethy S. Voice problems among laryngopharyngeal reflux patients diagnosed with oropharyngeal pH monitoring. *Folia Phoniater Logop*. 2013;65(6):280-7
19. Alharethy S, Aldaghri F, Mesallam TA, **Farahat M**, Bukhari MA. Nasal bone length in Saudi rhinoplasty: a clinical-radiological study. *Ann Saudi Med*. 2014 Jan-Feb;34(1):65-7. doi: 10.5144/0256-4947.2014.65
20. El-Kassabi RM, Hassan S, Mesallam TA, Malki KH, **Farahat M**, Alfariis A. Standardization of nasalance scores in normal Saudi speakers. *Logoped phoniater Vocol*. 2014 May 22:1-9
21. Mesallam TA, Malki KH, **Farahat M**, Bukhari M, Alharethy S. Voice Problems among Laryngopharyngeal Reflux Patients Diagnosed with Oropharyngeal pH Monitoring. *Folia Phoniater Logop*. 2014 May 24;65(6):280-287
22. **Farahat M**, Malki KH, Mesallam TA, Bukhari M, Alharethy S. Development of the Arabic Version of Dysphagia Handicap Index (DHI). *Dysphagia*. 2014 Aug; 29(4):459-67
23. Mesallam TA, Malki KH, **Farahat M**, Shoeib R, Alharethy S, Alshahwan A, Murry T. Acute effect of Oud Incense Inhalation on Voice of Saudi Adults. *Annals of Saudi Medicine*. 2015 Mar-Apr;35(2)
24. Mesallam TA, Shoeib RM, **Farahat M**, Kaddah FA, Malki KH. Studying the Psychological Profile of Patients with Laryngopharyngeal Reflux. *Folia Phoniater Logop*. 2015 Jul 9;67(2):51-56

25. Farahat M. Functional oral intake after behavioral management in patients with oropharyngeal dysphagia post cerebrovascular stroke. Saudi journal of Oto-Rhinology Head and Neck Surgery (2015) Vol. 17 No. 2, (Jul): 44-48
26. **Farahat M.** Effect of Thermal Stimulation on Temporal measures in patients with oropharyngeal dysphagia post cerebrovascular stroke. Saudi journal of Oto-Rhinology Head and Neck Surgery (2015) Vol. 17 No. 2, (Jul): 70-73
27. **Farahat M** and Mesallam TA. Psychosocial Assessment of Voice Problems among Saudi Imams. British Journal of Medicine & Medical Research 11(12): 1-7, 2016, Article no.BJMMR. 22041
28. Zulfiqar Ali, Mansour Alsuliman, Irraivan Elamvazuthi, Ghulam Muhammad, Mesallam TA, **Farahat M**, Khalid H. Malki. Voice pathology detection based on the modified voice contour and SVM. Biologically Inspired Cognitive Architectures (2016) 15, 10-18
29. Al-Nasheri A, Muhammad G, Alsulaiman M, Ali Z, Mesallam TA, **Farahat M**, Malki KH. Voice Pathology Detection with MDVP Parameters Using Arabic Voice Pathology Database. 2015 5th National Symposium on Information Technology: Towards New Smart World (NSITNSW). IEEE, 345 E 47th St, New York, NY 10017 USA. Proceedings paper. ISBN:978-1-4799-7627-0
30. **Farahat M** and Mesallam TA. Validation and cultural adaptation of the Arabic version of the eating assessment tool (EAT-10). Folia Phoniatr Logop. 2015;67:231-237
31. Ghulam Muhammad, Ghadir Altuwaijri, Mansour Alsuliman, Zulfiqar Ali, Mesallam TA, **Farahat M**, Khalid H. Malki, Ahmed Al-nasheri. Automatic voice pathology detection and classification using vocal tract area irregularity. biocybernetics and biomedical engineering 36 (2016) 309-317
32. Mesallam TA and **Farahat M.** Self-perception of Swallowing-Related Problems in Laryngopharyngeal Reflux Patients Diagnosed with 24-Hour Oropharyngeal pH Monitoring. Biomed Res Int. 2016;2016
33. Al-Nasheri A, Muhammad G, Alsulaiman M, Ali Z, Mesallam TA, **Farahat M**, Malki KH, Bencherif MA. An Investigation of Multidimensional Voice Program

Parameters in Three Different Databases for Voice Pathology Detection and Classification. J Voice. 2017 Jan;31(1):113.e9-113.e18.

34. Muhammad G, Alsulaiman M, Ali Z, Mesallam TA, **Farahat M**, Malki KH, Al-Nasheri A, Bencherif MA. Voice pathology detection using interlaced derivative pattern on glottal source excitation. *Biomedical Signal Processing and Control* 31 (2017) 156–164
35. Ali Z, Alsulaiman M, Muhammad G, Elamvazuthi I, Al-Nasheri A, Mesallam TA, **Farahat M**, Malki KH. Intra- and Inter-database Study for Arabic, English, and German Databases: Do Conventional Speech Features Detect Voice Pathology? *J Voice*. 2016 Oct 10. pii: S0892-1997(16)30183-7. doi: 10.1016/j.jvoice.2016.09.009