

# *Aayesha M. Khan, MD*

## **Board Certification**

American Board of Otolaryngology - 2009  
Recertification - 2017

## **Previous Positions**

- 07/ 2012- 06/2013** Clinical Instructor/Laryngology Fellow  
University of Texas Health Science Center at San Antonio, San Antonio, TX
- 09/2011-06/2012** Private Practice,  
Saint Anthony's Physician's Group, Alton, IL
- 05/2009-06/2011** Private Practice,  
Alton MultiSpecialists, Inc, Alton, IL

## **Education**

- 07/2012-06/2013** **Fellowship in Laryngology**  
University of Texas Health Science Center, San Antonio
- 09/2004-10/2008** **Residency Training in Otolaryngology and Head and Neck Surgery**  
Saint Louis University School of Medicine, Saint Louis, MO
- 07/2003-07/2004** **Internship in General Surgery**  
State University of New York, Health Science Center at Syracuse, NY
- 11/2001-06/2003** **Research Fellowship in Otolaryngology and Laryngology**  
Harvard Medical School and Massachusetts Eye and Ear Infirmary Boston, MA
- 09/1995-10/2000** **Bachelor of Medicine; Bachelor of Surgery**  
The Aga Khan University, Karachi, Pakistan

## **Honors, Awards and Recognition**

Distinguished as the Top Otolaryngologist in Alton, IL (March 17, 2011) by the International Association of Healthcare Professionals.

First and only Otolaryngologist Head and Neck Surgeon to perform the Bone Anchored Hearing Aid (BAHA) operation in the Alton, IL area.

Featured in the Telegraph Business News (October 16, 2010) for performing the first Bone Anchored Hearing Aid (BAHA) surgery in Alton, IL

<http://www.thetelegraph.com/news/hearing-45964-ear-baha.html>

First and only Otolaryngologist Head and Neck Surgeon to introduce and use the radiofrequency tongue base ablation surgery for obstructive sleep apnea in the Alton, IL area.

Featured in the Cover Story in the Telegraph, Health Watch, (March 15<sup>th</sup>, 2011) “The path of Khan, Dr. Aayesha Khan takes new route to treatment of sleep apnea”.

<http://www.thetelegraph.com/sections/health-watch/>

First and only Otolaryngologist to introduce and use the image guidance technology for sinus surgery to the Alton, IL area.

Author or Co-author of more than 20 peer review publications, presentation, and abstracts at top ranked national and international journals and conferences. Peer reviewed work cited more than 150 times.

Recipient of the research fellowship in Otology and Laryngology at the Harvard Medical School and world renowned center for Otolaryngology at The Massachusetts Eye and Ear Infirmary (2001-2003)

Invited as an expert international reviewer for the only renowned otolaryngology journal of Pakistan Pakistan Journal of Otorhinolaryngology.

Association of Physicians of Pakistani Descent of North America Saint Louis Chapter Award for Outstanding Community Service 2010

Board Certified from the American Academy of Otolaryngology Head and Neck Surgery in 2009.

Resident’s Travel Award, American Academy of Otolaryngology, Head and Neck Surgery 2005

Honors in clinical elective rotation, Otology and Laryngology, Harvard Medical School 1999

## **BIBLIOGRAPHY: PUBLICATIONS AND PRESENTATIONS**

### **Book Chapters**

Aayesha M. Khan, Laxmeesh Mike Nayak.  
Aesthetic Cheek Implants  
Midfacial Rejuvenation 2012  
Springer New York, pg 105-  
115

Aayesha M. Khan, MD; Mark A. Varvares, MD  
Traditional approaches to the orbit.  
Journal: Otolaryngologic Clinics of North America. Endoscopic Surgery of the Orbit and Lacrimal System. October 2006; Volume 39; Number 5; pages 895-909

### **Peer Reviewed Publications**

Aayesha M. Khan, Eisenbies JF.  
Adult Extracardiac rhabdomyoma of the parapharyngeal space.  
Journal: Ear Nose and Throat Journal. 2012 Sep;91(9):E7-10

Aayesha M. Khan, Eisenbies JF.  
Adult Extracardiac rhabdomyoma of the parapharyngeal space.  
Journal: Accepted for publication Ear Nose and Throat Journal October, 2009.

Aayesha M. Khan, Raj Sindwani.  
Bisphosphonate related osteonecrosis of the skull base.  
Journal: Laryngoscope. 2009 Mar; 119(3):449-52.

Mikulec, AA.; Aayesha M. Khan, MD; Barker II, Fred G.; McKenna, Michael J.: [Bilateral Meningoencephalocele Repair Complicated by Superior Semicircular Canal Dehiscence: Case Report.](#)  
Journal: Skull Base 2008 Nov;18 (6): 423

Aayesha M. Khan, Levine SR, Nadol JB Jr.  
The widely patent cochleovestibular communication of Edward Cock is a distinct inner ear malformation: implications for cochlear implantation.  
Journal: Annals of Otol Rhinol Laryngol. 2006 Aug;115(8):595-606.

Aayesha M. Khan, Handzel O, Damian D, Eddington DK, Nadol JB Jr.  
Effect of cochlear implantation on residual spiral ganglion cell count as determined by comparison with the contralateral nonimplanted inner ear in humans.  
Journal: Ann Otol Rhinol Laryngol. 2005 May;114(5):381-5.

Aayesha M. Khan, Whiten DM, Nadol JB Jr, Eddington DK.  
Histopathology of human cochlear implants: correlation of psychophysical and anatomical measures.  
Journal: Hearing Researc. 2005 Jul;205(1-2):83-93.

Aayesha M. Khan, Handzel O, Burgess BJ, Damian D, Eddington DK, Nadol JB Jr.  
Is word recognition correlated with the number of surviving spiral ganglion cells and electrode insertion depth in human subjects with cochlear implants? Journal: Laryngoscope 2005 Apr; 115(4):672-7.

Aayesha M Khan, SR Levine, Joseph B Nadol, Jr.  
[Histopathology of the Widely Patent Cochleovestibular Communication of Edward Cock.](#)  
Journal: Otolaryngology-Head and Neck Surgery 133 (2), P87-P88, 2005

Aayesha M Khan, Anthony A Mikulec  
[Cochlear Implantation in the Common Cavity Deformity.](#)  
Journal: Otolaryngology-Head and Neck Surgery 133 (2), P234-P234, 2005

Merchant SN, Naimi TS, Aayesha M. Khan, Nadol JB Jr, Holmes LB.  
Axial mesodermal dysplasia sequence: autopsy findings.  
Journal: Clinical Dysmorphology. 2004 Jan; 13(1):21-4.

Mahmud MR, Aayesha M. Khan, Nadol JB Jr.  
Histopathology of the inner ear in unoperated acoustic neuroma.  
Journal: Ann Otol Rhinol Laryngol. 2003 Nov;112(11):979-86.

Aayesha M Khan, Zulfiqar A. Bhutta.  
Assessment of zinc status in populations: some contemporary issues.  
Journal: Journal of College of Physicians and Surgeons of Pakistan. Dec 2002 Vol 12, No.12

Aayesha Khan.  
Iron and Zinc Supplementation in a child with Diarrhea.  
Journal: Care. FriscoCare's Journal on Infant nutrition. Issue 1 Vol. 3, 2001

### **Authorship of Review Articles**

Aesthetic Cheek Implants  
Aayesha M. Khan, Laxmeesh Mike Nayak.  
Midfacial Rejuvenation 2011  
Springer New York, pg 105-115

[Cochlear Implantation in the Common Cavity Deformity.](#)  
Aayesha M Khan, Anthony A. Mikulec.  
Otolaryngology-Head and Neck Surgery 133 (2), P234-P234

Traditional approaches to the orbit. Aayesha M Khan, Mark A. Varvares  
Otolaryngologic  
Clinics of North America 2006 Oct;39(5):895-909, vi. Review.

## **Judge of the Work of Others**

International Reviewer of The Otorhinolaryngology Journal of Pakistan since March 2011

Articles reviewed

- Primary tuberculosis masquerading as a nasopharyngeal carcinoma
- Conservative management of facial nerve palsy: Face lifting device
- Trachea-esophageal perforation following external blunt trauma: A case report

Invited expert reviewer of the renowned journal, The Laryngoscope, January 2009.

## **Peer Reviewed Abstracts and Presentations**

Aayesha M. Khan, Thomas A. Donovan, Elaine C Siegfried. Does treatment of upper airway diseases improve severity of atopic dermatitis in children? Abstract and Poster presentation at the Annual Combined Otolaryngology Spring Meeting, May 2008

Aayesha M. Khan and Joseph B. Nadol Jr. Cochlear nerve aplasia in association with other congenital malformations of the inner ear. Abstract and Presentation at the Eleventh Triennial Meeting of International Otopathology Society Conference, June 2006

Aayesha M. Khan and John F. Eisenbeis. Adult extracardiac rhabdomyoma of the parapharyngeal space diagnosed on a transnasal endoscopic biopsy. Abstract and Poster presentation at 109<sup>th</sup> Annual Combined Otolaryngology Spring Meeting/ARS, May 2006

Aayesha M. Khan, M.D. and Joseph B. Nadol Jr., M.D. Congenital Malformations of the Cochlea: A Functional Classification System. Poster presentation at the 29<sup>th</sup> Annual midwinter meeting of Association for Research in Otolaryngology, February 2006

Aayesha M. Khan and Anthony A. Mikulec. Cochlear implantation in the common cavity deformity. Poster presentation at the Scientific Session, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, Sep, 2005.

Aayesha M. Khan, Stephen R. Levine, Joseph B. Nadol. Histopathology of the Widely Patent Cochleovestibular Communication of Edward Cock. Oral Presentation at the Research Forum, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, Sep 2005

Aayesha M. Khan, Stephen R. Levine, Joseph B. Nadol Jr. A widely patent cochleovestibular communication (of Edward Cock) is a distinct inner ear malformation. Abstract and Presentation at the International Otopathology Society Conference, June 2003

Aayesha M. Khan, Handzel O, Damian D, Eddington DK, Nadol JB Jr. Effect of cochlear implantation on residual spiral ganglion cell count as determined by comparison with the contralateral non implanted inner ear in humans. Abstract and Poster presentation at the 108<sup>th</sup> Annual Meeting of The Combined Otolaryngology Spring Meeting Triological Society, 2005

Aayesha M. Khan, Jahanara Pal. The Risk Factors associated with the development of eclampsia and its outcome. Abstract and Presentation. 15<sup>th</sup> International Medical Sciences Students Congress. Istanbul. April 27-May 1, 1999.

Eric A Hale, Pradeep Ghosh, Aayesha M. Khan, Ray Anderson. Hepatic Rate of synthesis and sialylation of HDL-Apolipoprotein J in hypercholesteromic rat model. The Federation of American Societies for Experimental Biology Journal. Abstract American Society for Biochemistry and Molecular Biology. April 24, 1998. Vol.12, No. 8.

### **Lectures and Presentation**

#### **University of Texas Health Science Center , San Antonio, Department of Otolaryngology, Grand Rounds**

2013 – Tracheal Stenosis

2012 – Salivary Gland Tumors

#### **Department of Dermatology, Saint Louis University**

2007- Dermatofibrosarcoma Protuberance: The Head and Neck Perspective

#### **Annual William B. Harkins Memorial Lecture and Research Forum, Saint Louis University Department of Otolaryngology – Head and Neck Surgery**

2008- Does Treatment of upper airway diseases improve severity of eczema in children? An Update

2007- Does Treatment of upper airway diseases improve severity of eczema in children?

2006- Cochlear Implantation in the Common Cavity Deformity

2005- The widely patent cochleovestibular communication of Edward Cock is a distinct inner ear malformation: implications for cochlear implantation.

## **Annual Joseph H. Ogura and William B. Harkins Resident Research Competition, Saint Louis ENT Club Resident Unusual Case Presentation 2005**

A 58 year old female with symptoms of sleep apnea, diagnosed to have adult extracardiac rhabdomyoma of the parapharyngeal space. A rare clinical case

## **Saint Louis University Department of Otolaryngology Grand Rounds**

2008- The latest spin on vertigo

2007- Salivary Gland Tumors

2006- Controversies in the management of pediatric facial trauma

2005- Congenital Malformations of the Cochlea: A Functional Classification System.

## **Teaching Conferences**

- Bisphosphonate related osteonecrosis of the skull: A rare case presentation and literature review
- Unilateral Pediatric Parotid Masses
- Petrous Apicitis
- 43 yr old WM with a 3 week history of left non-tender neck mass
- Management of thyroid carcinoma presenting in a thyroglossal duct cyst.
- Management of anticoagulation before and after elective surgery
- Estimation of coronary risk before non-cardiac surgery

## **Morbidity and Mortality Conferences**

- Post Tonsillectomy Hemorrhage
- Management of Post surgical chyle leak
- Pharyngocutaneous fistula after laryngectomy: Review of Incidence and Management
- Hypocalcaemia after double parathyroid adenoma resection.

- Anatomy of the orbit. Surgical techniques for repair of lower lid avulsion and injury to canalicular system.
- Cochlear Implant Device Failure Requiring revision surgery
- Piriform Aperture Stenosis

### **Active Licensure: Texas**

### **Current Memberships in Professional Societies**

Diplomate American Board of Otolaryngology Head and Neck Surgery (2009 to date)

American Academy of Otolaryngology-Head and Neck Surgery.

### **Previous Memberships**

The International Otopathology Society a.k.a. The Schuknecht Society

Associate member of the Association of Research in Otolaryngology (2002-2008)

Member Triological Society

American Academy of Facial Plastics and Reconstructive Surgery.

### **Extra-Curricular Activities.**

Tennis, table-tennis, glass painting and stained glass.