





Middle East Symposium of Pediatric Otolaryngology



Hilton Jeddah









WELCOME MESSAGE

Dear Colleagues,

Welcome to the 2nd Middle East Symposium of Pediatric Otolaryngology (MESPO 2024). We are thrilled to have you join us for what promises to be an enriching and transformative gathering.

MESPO was founded with a clear vision: to bring together multidisciplinary professionals dedicated to advancing the care of children with ear, nose, and throat disorders. Over the next few days, you will have the opportunity to engage with leading experts, participate in hands-on workshops, and attend cutting-edge sessions focused on innovation, collaboration, and excellence in pediatric care.

Our program reflects the diversity and complexity of pediatric otolaryngology, encompassing everything from airway reconstruction to hearing loss solutions, head and neck diseases, and speech and language advancements. We believe that through shared knowledge and collaboration, we can continue to elevate the standards of pediatric ENT care in the Middle East and beyond. <u>Thank you for being part of MESPO 2024. Together, let's shape the future of</u>

pediatric otolaryngology.

Warm regards,



Dr. Faisal Zawawi Founder and CEO, MESPO

WELCOME MESSAGE

It gives me great pleasure to welcome you to the second Middle East symposium of pediatric otolaryngology (MESPO).

A meeting for surgeons and healthcare providers taking care of sick children.

The scientific committee have put together a great program filled with discussions and debates which will bring colleagues from the kingdom of Saudi Arabia, gulf, and Middle East together; and perhaps come up with recommendations and practice guidelines for our region.

We looked forward to seeing you in Jeddah.



Prof. Talal Alkhatib MD, MSc, MHPEd, FRCSC President of MESPO 2024



Scientific Program



🛗 THURSDAY MAINHALL AL QASR HALL

Speaker

PEDIATRIC AERODIGESTIVE TRACK					
08:00-08:30	30m	Session 1	Navigating The Pediatric Larynx		
	10m		Type 1 laryngeal cleft to inject or not to inject	Dr. Fahad AlSaab	
	10m		Advanced Laryngeal Clefts Surgical Pearls	Dr. Taher Valika	
	10m	1	An insight into Surgical Management of Laryngomalacia	Dr. Talal Alkhatib	
08:35-09:15	40m	Session 2	Panel Discussion: A Lifesaving Breath Tracheostomy Care	- A Panel on	
	10m		How we do it: tracheostomy care at texas children's hospital	Dr. Heena Prasla	
	30m		Discussion	Moderator: Dr Ahmed Alkhateeb Speakers: Dr. Hesna Prasla Dr. Abdulrahman Althubaiti Dr. Talal Almaghamsi Dr. Fahad AlSaab Dr.Zeinab AlQudehi	
09:20-10:15	55m	Session 3	Roundtable: The Keys to Collaberatio Aerodigestive	n- Highlights on	
	10m		Aerodigestive team development at Jalilah children's hospital	Dr. Safeena Kherani	
	10m		Fundopliaction for airway disordered patients when and why?	Dr. Mishary Alefan	
	35m		Panel Discussion	Moderator: Dr Bshair A Aldriweesh Speakers: Dr Safeena Kherani Dr Mishary Alefan Dr Talal Almaghamsi Dr Ruba Makki, Prof. Deepak Mehta	
10:15	20m		Openning Ceremony		
10:35	25m		Break		

DAY 01 17 OCTOBER 2024 HURSDAY

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Time	Durat	ion	Торіс	Speaker
11:00-11:30	30m	Session 4	Abstracts in Airway Session	
	4m		National Consensus Recommendations of Pediatric Tracheostomy	Dr. Danah Alrusayyis
	4m		Effectiveness of laryngeal re-innervation compared to medialization thyroplasty in the treatment of unilateral vocal cord paralysis: SR and netork meta-analysis	Dr. Muhannad Alghamdi
	4m		Effectiveness of immunotherapy in recurrent respiratory papillomatosis: A systematic review	Dr. Waleed Alghuyaythat
	4m	X	Translation and validation of velopharyngeal insufficiency effects on life outcome (VELO) instrument in screening or quality of life of children and adolescents in Saudi Arabia	Dr. Jood Alotaibi
	4m		Outcome of vocal cords suture lateralization in pediatric	Dr. Ahoud Almuneef
	50m	Keynote	Management of the pediatric intubated child	Prof. Deepka Mehta
11.00	1h		Lunch Break	
-11:30 12:30	1h	Session 5	Panel Discussion: Bilateral Vocal Fold Paralysis in The Neonate	Moderator: Dr. Walcod AlSharoof Panelists: Dr. Taher valika Dr. Jaber alshammari Dr. Talal Alkhatib Dr. Patrick Scheffler
13:30 14:30	1h	Session 6	Airway Challenging cases	Moderator: Dr. Patrick scheffler Speakers: Prof. Ahmed Alammar Prof. Deepak mehta Dr. Jaber alshammari Dr. Mai AlNasser
15:30	30m		Break	



THURSDAY

Time	Duration		Topic	Speaker
16:00	1h	Session 7	Airway Expansion Surgery, Where Are We Now?	
	10m		Endoscopic Airway Expansion: Tips and Tricks	Prof. Ahmed Alammar
	10m		Preserving voice and swallowing airway expansion surgery	Dr. Jaber Alshammari
	40m		Discussion	Moderator: Dr. Mai Alnassor Speakers: Dr.Patrick Scheffler Dr. Ahmed Alammar Dr. Jaber Alshammeri Prof. Deepak Mohta
17:30		6	Meet the experts at Shurfa Lounge	Qasr Al Sharq



THURSDAY

AUDIOLOGY WORKSHOPS

MADINA HALL

Time	Durati	on Topic	Speaker
8:00-10:00	2h	Tips and Techniques in Assessment, Fitting and Verification for Infants and young Children VISION MEDICAL رؤتية الطبيية	Dr. Derek Stiles Dr. Rihab Alkhalil
10:15	20m	Opening Ceremony	
10:35	25m	Break	
11:00	1.30h	Implementation of Arabic Speech testing in pediatric setting Cochlear®	Dr. Hanin Rayes Dr. Nadia Abdulhaq
12:30	1h	Lunch	
13:30	2h	Electrophysiological testing for threshold estimation in pediatrics بۇيــة الطبيــة	Dr. Andy Beynon
15:30	30m	Break	
17:30		Meet the experts at Shurfa Lounge	Qasr Al Sharq



THURSDAY

VESTIBULAR WORKSHOPS

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Time			Topic	Speaker /
			. opic	
08:00	2.15h		Pediatric Vestibular Workshop: VEMP in Children	Dr. Alfarghal Mohamad Dr. Josine Widdershoven Dr. Nor Abdul Wahat
10:15	20m	Oper	ning Ceremony	
10:35	25m		Break	
11:00	1.5h		Pediatric Vestibular Workshop: vHIT in Children	Dr. Alfarghal Mohemad Dr. Josine Widdershoven Dr. Nor. Abdul Wahat
12:30	1h		Lunch	
13:30	1:30h		Pediatric Vestibular Workshop: VNG & Bedside Vestibular Assessment	Dr. Alfarghal Mohamad Dr. Josine Widdershoven Dr. Nor Abdul Wahat Ms.Weam Al Ameer Ms.Rawan Shamera
15:00-17:30	2h		Cochlear [™] Connected Care- a transformational approach to hearing health care	Dr. Mohammad Albaqyah Dr. Sahar Bin Dehash
16:30	30m		End of program in this room	
17:30			Meet the experts at Shurfa Lounge	Qasr Al Sharq



FRIDAY MAINHALL AL QASR HALL

Time Duration

Topic

RESEARCH TRACK

Speaker

08:00-09:30	Session 1	Abstracts in Pediatric Otolaryngology	
4m		Retrospective Analysis of CSF Gusher in cochlear implant suregery: Incidencem Risk Factors and outcomes - A systematic review	Dr.Mohammed Hazazi
4m	R	Effectiveness of Steroid Therapy in Preserving Residual Hearing after Cochlear Implantation: A Systematic Review and Meta-Analysis	Dr.Renad Alsolamy
4m		The effectiveness of steroids and antioxidants in prevention of cisplastin induced ototoxicity: a comprehensive systematic review of the literature and network meta0analysi	Dr.Shahad Albeladi
4m		Predictors of parental awareness and attitude towards childhood hearing loss and its association with developmental delay in saudi arabia	Dr.Nada Alharbi
4m		Exclusive medical management vs tympanostomy in children with recurrent otitis media: A systematic review	Dr.Nura Alzaid
4m		Qualitative assessment of quality and readability of patient-directed arabic online reousrces for cochlear implants in children	Dr.Manar Alharbi
4m		Effectiveness of exclusive trans-canal endoscopic ear surgery (EES) for treatment of cholesteatoma limited to attac region: a systematic review and meta analysis	Dr.Dhay Alrashid
4m		Cochlear Implantation in patients with anomalous cochleovestibular anatomy	Dr.Aseel Alshanqiti



FRIDAY
MAINHALL
AL QASR HALL

Time Duration		Topic	Speaker
4m		Endoscopic Anterior laryngotracheal reconstruciton: How I do it	Dr.Abdullah Sindi
4m		To give or not to give? Prescribing antibiotics to the tonsillectomy patient sin tertiary care setting	Dr.Ali Alshahrani
4m		Congenital nasal pyrinform aperture stenosis review of literature, single center reomendation and case study	Dr.Zaki Alwatban
30m		Break	
70m	Session 2	Research Competition	
5m		Impact of pediatric tracheostomy on the quality of life of children and caregivers (TrachQoL): validity and reliability of scales for knowledge, judgement and psycholovical wellbeing.	Dr.Danah Alrusayyis
5m		Airway Abnormalities in pediatric patients with congenital heart diseas	Dr. Sarah Mozahim
5m		The prevelance and association of Biofilms with otitis media with effusion: A systeamtic review and meta-analysis	Dr.Hussein El-Shirbeny
5m		The prevelance and association of ADHD among children with sleep disorderd breathing in Saudi Arabia	Dr.Rafed Abdulhameed
5m		A bibliometric review of published articles in pediatric dysphagia	Dr.Abdulwahab Alyahya
5m		Outcome of supraglottoplasty among neurologically impaired patient	Dr.Shaykhah Alnaimi
5m		The prevelance of hearing loss among school age children and its association with their school performance in jeddah, saudi arabi	Dr.Reem Ascery
5m		Clinical Evaluation of pediatric patients with recurrent respiratory papillomatosis: A longutudinal study at Saudi Arabia Tertiary care ceter	Dr.Alanoud Alshathri
	4m 4m 30m 30m 5m 5m 5m 5m 5m 5m	4m 4m 4m 30m 30m 70m 5m 5m	4mEndoscopic Anterior laryngotracheal reconstructon: How I do it4mTo give or not to give? Prescribing antibiotics to the tonsillectomy patient sin tertiary care setting4mCongenital nasal pyrinform aperture stenosis review of literature, single center reomendation and case study30mBreak70mSecond 270mSecond 270mRecearch Competition5mImpact of pediatric tracheostomy on the quality of life of children and caregivers (TrachQoL): validity and reliability of scales for knowledge, judgement and psycholovical wellbeing.5mAirway Abnormalities in pediatric patients with congenital heart diseas5mThe prevelance and association of Biofilms with otitis media with effusion: A systeamtic review and meta-analysis5mThe prevelance and association of Biofilms with otitis media with sleep disorderd breathing in Saudi Arabia5mOutcome of supraglottoplasty among neurologically impaired patient5mClinical Evaluation of pediatric respiratory papillomatosis: A longutudinal study at Saudi Arabia



FRIDAY

Time	Durat	ion	Topic	Speaker
	5m		The Utility and Usefulness of Otoacoustic Emissions as an Adjunct to Automated Auditory Brainstem Response in Newborn Hearing Screening	Dr.Noor Baamir
11:10	50m	Session 3	Research Collaberative initiative	Dr. Ahmed Alkhateeb
12:00	120m		Lunch and prayer	
	PE	DIATRIC	H&N - SLEEP - RHINOLOGY TR	ACK
14:00	15m	Pediatric Fellowship in UK	Pediatric Fellowship in UK	Dr. Ahmed Allam
14:15	15m	Sieep Medicine	Upper airway stimulation for severe bstructive sleep apnea in complex pediatric patients	Dr. Patrick Scheffler
14:30	10m	Session 4	Short video submission	
14:40	70m	Session 5	Roundtable in H&N and Sleep	
	10m		Diagnostic challenges and medical management of non-TB mycobacterial cervicofacial lymphadenitis	Dr. Abdulsalam Alsulami
	10m		Surgical Management of atypical mycobacterium	Dr. Alaeddin Jebreel
	10m		Controversies in branchial cleft management	Dr. Randa Barazi
	10m		Establishing a natioanl pediatric otolaryngolog drooling service in unique population	Dr. Taseer Din
	10m		Drug Induced Sleep Endoscopy	Dr. Randa Barazi
	10m		Approach to parapharyngeal space in pediatrics	Dr. Bshair A Aldriweesh
16:00	30m		Break	



FRIDAY

Time	Duration		Topic	Speaker
16:30	30m	Session G	Advancements in Pediatric Rhinology	
	10m		Management of Nasal Dermoids	Dr. Wala AlShiha
	10m		Management of Neonatal nasal stenosis	Dr. Iman Almashharawi
	10m		Pediatric sinuses: Developmental landmarks	Dr. Abdullah Al Bader
17:00	60m	Session 7	Panel Discussion: Pediatric Chronic rhinosinusitis, work up, management and interventions	Moderator: Dr. Abdullah Al Bader panelists: Dr. Mohamad El Bitar Dr. Abdulrahman Althubaiti Dr. Wala AlShiha Dr. Randa Barazi
18:00			Conclude the day	



🛗 FRIDAY

AUDIO-VESTIBULAR TRACK 💼 AMWAJ HALL

Time	Duration		Topic	Speaker			
PEDIATRIC AUDIOLOGY TRACK							
08:00	20m		Assessing Arabic Self-Reported Measures of Hearing, Tinnitus and Hypercusis in Pediatrics: challenges and oppurtinities	Dr. Ibrahim Almufarrij			
08:20	45m	Keynote	Keynote: Contemporary Practice in Pediatric Audiology and How to Make it Count	Dr. Derek Stiles			
09:05	25m	Keynote	The Future of Intracorporeal Telemetry: EEG-based CI-fitting	Dr. Andy Beynon			
09:30	30m		Break				
10:00	50m	Panel	Panel Discussion: Children with Hearing Loss in School: Current Challenges and Accomodations	Moderator : Dr. Ibrahim Almufarraj Panelists: Dr.Dorek stiles Ms. Abeor Bawajeh Dr. Zakiyah Alskidiqi Dr. Rihab Alkhalil			
10:50	25m		Childhood Hearing Screening: How essential and are we doing enough?	Dr. Derek Stiles			
11:15	45m	Panel	Panel Discussion: Discrepancy between Objective and Subjective hearing assessments in children: Complex Cases Review	Moderator : Dr. Rihab Alkhalil Panelists: Dr. Derek Stiles Dr. Andy Beynon Ms. Dania Kamal			
12:00	120m		Lunch and prayer				
14:00	30m		Clinical Productivity and Metrics in Pediatric setting	Dr. Derek Stiles			

PEDIATRIC VESTIBULAR TRACK					
14:30	45m	Keynote	Keynote: Management of Vestibular Disorders in Children	Dr. Alfarghal Mohamad	
15:15	30m		Vestibular Screening in infants: when and how	Dr. Nor Abdulwahat	
16:00			Break		





Time	Duration		Topic	Speaker
16:30	45m	Panel	Panel Discussion: What it Takes to Start Pediatric Vestibular Services in your Practice ?	Moderator: Dr. Alfarghal Mohamad Panelists: Dr. Falsal Alzwawi Ma.Rawan Shamera Dr. Nor Haniza Abdul Wahat Dr. Mohammed Garrada
	20m		Clinical Protocols of Vestibular Assessment in children	Dr. Alfarghal Mohamad
17:35	20m		Vestibular Impairment in Children with Hearing Loss	Dr. Nor Abdulwahat
17:55	20m		Vestibular Rehabilitation in Children	Ms. Rawan Shemera
18:15			Day Ends	



SLP TRACK & WORKSHOP 🖻 MADINA HALL

PEDIATRIC SLP TRACK

08:00	45m	Assessment of Pediatric Dysphagia	Mrs. Ruba Makki
08:45	45m	Management of Pediatruc Dysphagia	Ms. Shahad AlSafhi
09:30	30m	Efficacy of auditory verbal therapy in young children with cochlear implants	Ms. Huda Alsafadi
10:00	30m	Break	
10:30	45m	Behavioral Feeding Disorder	Ms.Lama Dakhakhny
11:15	45m	The Power of Early Intervention	Ms. Hadeel Almedainy
12:00	120m	Prayer Break	
14:00	45m	Instrumental Swallowing Assessmnent	Dr. Abrar Alduraibi
14:45	45m	Language Delay	Dr. Nahla Dashash
15:30	30m	When to Interview: Normal Disfluency Vs. Early Stuttering in Children Understanding Diffrences, assessment, and Intervension	Ms. Asma Abdullah
16:00	30m	Break	
16:30	120m	MBSS Workshop	Dr. Abrar Alduraibi Ms.Lama Dakhakhny



PEDIATRIC OTOLARYNGOLOGY I RIYADH HALL WORKSHOPS

Time	Duration	Торіс	Speaker
08.00	60m	Extracapsular vs intracapsular Coblation Tonsillectomy SmithNephew	Instructors: Dr. Latifah Al Makoshi Dr. Alaeddin Jebreel
09:00	30m	Panel discussion : Extracapsular vs intracapsular Tonsillectomy	Instructors: Dr. Latifah Al Makoshi Dr. Abdullah Al Bader Dr. Mohamad El Bitar Dr. Alaeddin Jebreel Dr.Abeer Al Ali
10:00	30m	Break	
12:00	2h	Lunch and Prayer	
14:30	Zh	Osia System and Cochlear Implant Electrode Selections: Indications, Surgical techniques, and Hands-On Experience	Director: Dr. Falaal Zawawi Instructors: Dr. Afnan Bukhari Dr. Mohammed Alnoury



SATURDAY

ime Duration

Topic

PEDIATRIC OTOLOGY TRACK

Speaker

Moderator: 15m A Comparative study of receptive language between patients with unilateral cochlear **4**m implants and patients with bilateral cochlear implants om arabic speaking children Comparison of the ecacy of cochlear implants for pre vs postsynaptic **4**m neuropathy- A systematic review Prevalence of Macrolide-associated sensorineural hearing loss in pediatric **4**m age group Moderator: 60m **Cochlear Implant fixation: Evolution** Dr. Mohamad El Bitar 12m of techniques Check List of Round window Dr. Redha Alrumaih 12m membrane exposure Clinical profile and management of 12m revised cochlear implant surgeries **Early Activation in cochlear Implant** 12m Moderator : Cochlear implant in malformation Speaker : 30m 10:00-10:30 30m Break Moderator : lohamad El Bitar Hearing Loss in children pathways in UK 12m Speaker : Moderator : Latest updates on the management 10:45 50m of unilateral hearing loss Speaker :



SATURDAY

Time	Dura	ation	Topic	Speaker
11:45	40m	Session 6:	Panel Discussion: Efficient and Personalized Cochlear Implant Care: Leveraging Surgical and Remote Innovations for Pediatrics	Moderator : Dr. Deepthi Poovayya Panelists: Dr. Falsal Zawawi Dr. Mahammed Albaqiyah Dr. Madia Abdulhaq Dr. Sahar Bin Dehash
12:30	1h		Hear now.And always	
13:30	20m	Session 6: Advacements in Bone Conduction in Children Moderator: Dr. Faisal Zawawi		
13:40	10m		Posterior Placement of Osia in children with microtia	Dr. Afnan Bukhari
	10m		Osia 3 Launch	Mr. Alain Yezbeck
13:50	50m	Session 7: Early Detection & Early Intervention	Panel Discussion: Universal newborn heairng screening: Updates, insites and challenges	Moderator : Dr. Sarah Alsebal Panelists : Dr. Derek Stiles Dr. Abdulsalam Alsulami Dr. Rihab Alkhalil Dr. Maryam Sahwan
14:50	10m	Session 8:	Bonebridge: Comfort that Stands the Test of Time attieh MEDICO	Mr. Anas Ibrahim
15:00	30m		Break	
15:30	50m	Session 9	Panel Discussion: Decoding Genetic Hearing Loss: From Testing to Therapeutic Innovations	Moderator : Dr. Samantha Anne Panelists: Dr. Iman Almashharawi Dr. Maryam Sahwan Dr. Derek Jason Stiles Dr. Ahmed Allam
16:30	50m	Session 10	Challenging Cases in Pediatric Otology	Moderator : Dr. Hussein Etwadi Panelists: Dr. Fida Almuhawas Dr. Rihab Alkhalil
17:30	30m	Awards	and closing ceremony	Dr. Faisal Zawawi Prof. Talal Alkhatib Dr. Ahmed Alkhateeb Dr. Afnan Bukhari
18:00		End of Program		



SATURDAY

PEDIATRIC OTOLARYNGOLOGY m MADINA HALL WORKSHOPS

08:00	2h	WS	Advanced Techniques in Pediatric Airway Reconstruction: A Hands-On Surgical Workshop	Director: Dr. Patrick Scheffler Co-Directors: Dr. Ahmed Alkhateeb Dr. Faisal Zawawi Instructors: Prof. Deepak Mehta Prof. Ahmed Alammar Prof. Talal Alkhatib Dr. Taher Valika Dr. Latifah Almakoshi
13:30	2h	WS	Mastering Suturing	Dr. Abdullah Darwish Dr. Khalid Khatib



Scientific Committee

SCIENTIFIC COMMITTEE



Dr. Ahmad Alkhateeb Chairman of Scientific Committee



Dr. Abdullah Kh AlBader Member of Scientific Committee



Dr. Alaeddin Jebreel Member of Scientific Committee



Dr. Latifah AlMakoshi Member of Scientific Committee



Dr. Faisal Zawawi Member of Scientific Committee



Dr. Alfarghal Mohamad Member of Scientific Committee



Dr. Rihab Alkhalil Member of Scientific Committee



Dr. Ruba Makki Member of Scientific Committee

ORGANIZING COMMITTEE



Dr. Faisal Zawawi Member of Scientific Committee



Dr. Afnan F. Bukhari Member of Organizing Committee



Prof. Talal Alkhatib Member of Organizing Committee



Dr. Mohammed Khaled Alnoury Member of Organizing Committee



Dr. Eulaf Hassan Alaadah Member of Organizing Committee



Dr. Ibrahim S. Alnoury Member of Organizing Committee

KEYNOTE SPEAKERS



Prof. Laila Telmesani Professor of ENT Head and Neck Surgery, Department of ENT Head and Neck Surgery, College of Medicine, Imam Abdulrahman bin Faisal University, Dammam



Prof. Samantha Anne Professor of Otolaryngology, Head and Neck Surgery at Cleveland Clinic Children's Hospital and the Integrated Surgical Institute



Prof. Deepak Mehta Co-Founder & Chief Medical Officer, CSurgeries; Professor of Otolaryngology, Clinical Director- Complex Airway Center,

Baylor College of Medicine, Houston, Texas, United States.



Dr. Derek J. Stiles Director of Audiology, Boston Children's Hospital, Director of the Center for Communication Enhancement, Boston Children's Hospital, Chair of Audiology Externship Committee, Boston Children's Hospital, Member of Audiology Clinic Director Search Committee, Mass General Hospital Institute of Health Professions.



Dr. Andy J Beynon

Head Vestibular & Auditory Evoked Potential Lab / Senior Researcher, Clinical Department of Oto-Rhino-Laryngology Hearing and Implants, Donders Institute for Brain, Cognition and Behaviour, Centre for Neuroscience, Radboud University Medical Centre Nijmegen, The Netherlands. Professor at Faculty Medicine & Biomedical Sciences, Radboud University Medical Centre Nijmegen, The Netherlands. Assistant Professor at Faculty Linguistic Sciences, Radboud University Nijmegen, The Netherlands.

ABSTRACT PRESENTATIONS

Danah Alrusayyis Muhannad Alghamdi lood Alotaibi **Ahoud Almuneef** Mohammed Hazazi **Renad Mesheal Alsolamy Shahad Mohammed Albeladi** Nada Alharbi Nura Alzaid Manar Alharbi **Dhay Alrashid** Aseel Alshanqiti **Abdullah Sindi** Ali Alshahrani Zaki Alwatban Maymona Khattab Ahlam Almahmoudi

RESEARCH COMPETITION

Danah Alrusayyis Sarah Mozahim Hussein El-Shirbeny Rafed Mohammed Abdulhameed Abdulwahab Alyahya Shaykhah Alnaimi Reem Aseery Alanoud Alshathri Noor Baamir

SPEAKERS



Dr. Abdullah Al Bader Chairman of Faculty of Otolaryngology-Head and Neck Surgery at Kuwait Institute for Medical Specialization, Clinical Instructor at the Faculty of Medicine, Kuwait University,



Dr. Abdullah Darwish German board of Plastic, Reconstructive and Aesthetic surgery German board of specialized Hand Surgery



Dr. Abrar Alduraibi Communication and Swallowing disorder service lead Ministry of Health (MOH)



Dr. Ahmed Allam Consultant Otology and Neurotology and ENT,

ENT and Skull base Consultant Queens University Hospitals London, FRCS(Eng),Phd,Msc, European Board of Otolaryngology.



Dr. Abdulrahman Althubaiti

Chairman, Department of Otolaryngology Assistant Professor of Otolaryngology Chairman of Academic Advising and Counseling Unit College of Medicine - University of Jeddah, Jeddah, Saudi Arabi



Dr. Abeer AlAli Pediatric ENT Specialist Member in the pediatric airway multidisciplinary clinic -Jaber Hospital, Kuwait.



Dr. Afnan Bukhari MD MSc SBORL Pediatric Otorhinolaryngology - head & neck surgery Intermed Clinic - Jeddah, SA



Dr. Ahmed Alkhateeb Assistant Professor at Imam

Abdulrahman bin Faisal University, Dammam, Consultant Pediatric Otolaryngology Head and Neck Surgery



Dr. Abdulsalam Alsulami

Assistant Professor of Pediatrics and Pediatric Infectious Diseases at King Abdulaziz University, Consultant at King Abdulaziz Hospital.



Ms. Abeer Abdullah Bawajeeh

School system -speech Audio services -early intervention -Development and training programs



Dr. Ahmad Aldhafeeri Consultant Otology, Neuro-Otologist.

Leader of Cochlear Implant Centers in Saudi Arabia (MOH)



Prof. Ahmed Alammar

Consultant Pediatric Otolaryngologist Professor of college of Medicine, Chairman of Subspeciality Programs Department of Otolaryngology King Saud University Riyadh, KSA



Dr. Alaeddin Jebreel Consultant Otolaryngology- Head and Neck Surgery, King Faisal Specialist Hospital and Research Centre KFSHRC-Riyadh, Saudi Arabia,



Dr. Alfarghal Mohamad Consultant Audio-Vestibular Medicine in Egypt, Registrar Audio-Vestibular Medicine in KSA,



Dr. Andy J Beynon Assistant Professor at Faculty Medicine & Biomedical Sciences, Radboud University Medical Centre Nijmegen, The Netherlands.



Dr. Asma Ahmed Abdullah

Senior Speech Language Pathologist CCC-SLP at Spectrum Clinics, MSc. Speech Language Pathology, Dar Al-Hekma University, Jeddah, KSA.



Dr. Bshair A Aldriweesh Consultant, Pediatric Otolaryngology & Airway Surgery, King Fahad specialist hospital-Dammam, KSA.



Prof. Deepak Mehta

Professor of Otolaryngology, Clinical Director- Complex Airway Center, Baylor College of Medicine, Houston, Texas, United States.



Dr. Derek Jason Stiles Director of Audiology, Boston Children's Hospital, Director of the Center for Communication Enhancement, Boston Children's Hospital,



Dr. Fahad AlSaab Consultant Otolaryngology Head & Neck surgery, Surgery Department, King Abdullah



Dr. Faisal Zawawi Founder & CEO MESPO



Dr. Fida Almuhawas Associate Professor at King Saud University, College of Medicine, Otologist/Neuro-Otologist at King Abdullah Ear Specialist Center - KAUH, Head at KAESC, Vice secretary of YO-IFOS.



Ms. Dania Kamal Speech language therapist - JISH



Dr. Hanin Rayes Clinical Audiologist - King Abdulaziz University Hospital, Consultant in Clinical Audiology - Jeddah Institute of Speech and Hearing



Dr. Heena Prasla Pediatric Nurse Practitioner, Tracheostomy Lead at Texas Children's Hospital-Otolaryngology Department, Pediatric Advanced Life Support (PALS Certified)



Dr. Iman Almeshhrawi

Consultant otolaryngology head and neck surgery, Pediatric subspecialty cochlear implant, Prince sultan military medical city, Riyadh, Saudi arabia.



Dr. Khalid Khatib MD FAPRAEC German Board of Plastic, Reconstructive, and Aesthetic surgery



Dr. Hussein Etwadi Consultant, Pediatric otolaryngologist, Abha Maternity and children hospital, KSA.



Dr. Ibrahim Almufarrij Assistant professor - King Saud University honorary research associate University of Manchester



Dr. Jaber Alshammari

Consultant Pediatric Otorhinolaryngology Head & Neck surgery Airway surgeon Program Director KAMC - National Guard Riyadh- Saudi Arabia.



Prof. Laila M. Al-telmesani Professor of ENT Head and Neck Surgery, Department of ENT Head and Neck Surgery, College of Medicine, Imam Abdulrahman bin Faisal University, Dammam



Dr. Josine Widdershoven

MD PhD Otorhinolaryngologist -Maastricht University Medical Center. Consultant in Otorhinolaryngology, The Department of Otorhinolaryngology of the University Hospital of Antwerp -Belgium.



Dr. Lama Dakhakhni Speech and language pathologist



Dr. Latifah AlMakoshi Pediatric Otolaryngologist at King Abdulaziz University Hospital, Assistant Professor at King Saud University.



Dr. Mai Nasser

Pediatric Otolaryngology MBBCh , DOHNS, SBO ,ABO ,EBEORL -HNS ,KSU pediatric ORL , FACS, BDF ORL-H&N Saudi Board Program Director, Bahrain Defence Force -Royal Medical Services, Kingdom Of Bahrain.



Dr.Zeinab AlQudehi ENT Consultant/ Pediatric otolaryngology Head Of ENT Departement Dr Sulaiman AlHabib Hospital



Dr. Maryam Sahwan Chairperson ENT and Maxillofacial Services at Government Hospitals, Head of Cochlear and Hearing Implantable Devices Program in Salmaniya Medical Complex.



Dr. Mohamad El Bitar

Consultant, Head & Founder of Otolaryngology Head & Neck Surgery, Al Jalila Children's Specialty Hospital -Dubai - UAE.



Dr. Meshari Alaifan Chairman of Pediatric Department King Abdulaziz University Pediatric Gastroenterology Consultant Assistant Professor, King Abdulaziz University



Dr. Mohammed Garrada

Lead of Audiovestibular Unit at KAUH in Jeddah, Audiovestibular Medicine Specialist, Member of the Cochlear Implant Unit.



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Dr. Taher Valika

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Dr. Taseer Din

Pediatric Otolaryngologist, Head-Neck Surgeon at Sidra Medicine and Research Center, Doha, Qatar. Assistant Professor of Clinical Otolaryngology, Head-Neck Surgery, Weill Cornell-Qatar.



Dr. Ruba Makki Speech-Language-Pathologist at King Saud University Medical City, in Riyadh, Certified and specialized in Pediatric Swallowing & Feeding Disorders.



Dr. Sarah Alsebai

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Prof. Talal Alkhatib

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Dr. Waleed AlShareef



Ms. Weam Al Ameer Audiologist at Ministry of National Guard Health Affairs (MNG-HA), Researcher.



Dr. Zakiyah Alsiddiqi Assistant professor at King Saud University in Riyadh, Saudi Arabia



Ms. Huda Alsafadi speech, language pathologist







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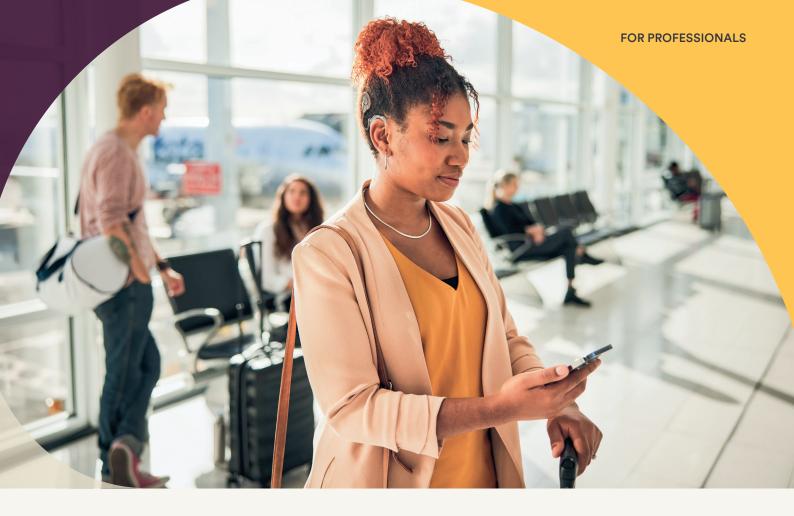
The Nucleus[®] SmartNav System is an innovative intraoperative solution designed to support surgeons during cochlear implant (CI) surgery. This iPad-based and off-the-ear surgical processor solution aims at improving the overall surgical experience and enhance surgical outcomes by offering the following benefits:

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* ForwardFocus is clinician-enabled within the Custom Sound Pro fitting software and can be user-controlled with the Cochlear Nucleus Smart App or as an automated program. * Compared to Nucleus 6 and Nucleus 7 sound processor. * When the technology becomes available for the Cochlear Nucleus 8 Sound Processor, a firmware update to your sound processor will allow you to connect to Bluetooth LE Audio compatible devices. § Comparison made using the Compact Battery Module for Nucleus 8 Sound Processor and the Cochlear Nucleus 6 (CP910) Sound Processor and the Nucleus 6 (CP910) Sound Processor
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