



2023  
MESPO

Middle East  
Symposium  
of Pediatric  
Otolaryngology

Intercontinental  
Hotel  
Jeddah

16-18  
Nov  
2023

# Welcome Message

**Dear Esteemed Colleagues, Trainees, and Medical Professionals,**

It is my profound pleasure to welcome each of you to the Middle East Symposium of Pediatric Otolaryngology (MESPO) in the beautiful city of Jeddah, Saudi Arabia. As we congregate in this historic and cultural epicenter for an enlightening three-day symposium, we come together with a shared goal: to foster advancements in pediatric ear, nose, and throat (ENT) health.

As the president of MESPO, I am privileged to greet a multidisciplinary delegation of Pediatric Otolaryngologists, Speech-Language Pathologists, Pediatricians,

Audiologists, Nurses, Trainees, and Medical Students. This amalgamation of diverse expertise reinforces the multifaceted approach required in the pediatric ENT and related fields.

The symposium will delve into various crucial topics, encompassing child hearing and speech, complex airway disorders, head and neck diseases, and swallowing disorders. With an emphasis on groundbreaking research, innovative treatment strategies, and early intervention, our discussions will be both enriching and transformative.

MESPO serves as a beacon of our collective commitment to enhance children's health, by broadening our knowledge and pioneering innovative approaches in the field of pediatric otolaryngology. It is my hope that you will not only gain fresh insights and knowledge but also forge

valuable connections and find renewed inspiration in your noble profession.

Thank you for your relentless pursuit of excellence in this pivotal field. Your contribution has the potential to create ripples of change, shaping a healthier future for our children. Let us seize this opportunity to learn, share, and collaborate, and together, set the course for a brighter tomorrow.

Once again, I warmly welcome you to Jeddah, and to what promises to be an unforgettable journey of discovery and dialogue at the Middle East Symposium of Pediatric Otolaryngology.



Sincerely,

**Dr. Faisal Zawawi**

MD MSc FRCSC

President, Middle East Symposium of Pediatric Otolaryngology (MESPO)



2023    
MESPO 

Middle East  
Symposium  
of Pediatric  
Otolaryngology



Scientific  
**Program**

# DAY 01



Assultan A

16 NOVEMBER 2023

## Time

## Topic

## Speaker

07 : 30 – 08: 00

### Registration

08 : 00 – 09: 00

**Round table: Dysphagia Mutli-D Approach  
Challenges and opportunities & team development**

**Moderator: Dr. Talal Alkhatib**

08: 00 – 08: 10

Otolaryngologist Role

Dr. Hayat Adib

08: 10 – 08: 20

Speech Language Pathologist role

Dr. Sameera Dehaithem

08: 20 – 08: 30

Pulmonology role

Dr. Ranya AlShumrani

08: 30 – 08: 40

Gastroenterologist role

Dr. Osama Baghdady

08: 40 – 09: 00

Building a team

Discussion

09 : 00 – 10 : 00

**Panel Discussion: Challenging cases of  
children with dysphagia**

**Moderator: Dr. Ahmed Alkhateeb**

**Panelists: Dr. Osama Baghdady - Dr. Sameera Dehaithem - Dr. Hayat Adib**

10 : 00 – 10 : 30

Openning ceremony, welcoming  
speakers & attendees , Guest of  
Honor, Sponsors

Dr. Faisal Zawawi  
Dr. Talal Alkhatib

10 : 30 – 11 : 00

**POSTERS / BREAK**

# DAY 01



Assultan A

16 NOVEMBER 2023

Time	Topic	Speaker
<b>11 : 00 – 11 : 15</b> <b>Laryngeal Cleft</b>		
<b>Moderator: Dr. Hussein Etwadi</b>		
<b>11 : 00 – 11 : 15</b>	Management of type 1 laryngeal cleft	<b>Dr. Fahad Al-Saab</b>
<b>11 : 15 – 12 : 30</b> <b>Round table: Management of children with VF paralysis</b>		
<b>Moderator: Dr. Ibrahim Alnoury</b>		
<b>11 : 30 – 11 : 45</b>	Endoscopic Anterior/Posterior Cricoid Splits	<b>Dr. Ammar Habibullah</b>
<b>11 : 45 – 12 : 00</b>	Inglis Procedure	<b>Dr. Ahmed Alammar</b>
<b>12 : 00 – 12 : 15</b>	Suture lateralization	<b>Dr. Talal Alkhatib</b>
<b>12 : 15 – 12 : 30</b>	Nonselective laryngeal reinnervation, the who, when and how?	<b>Dr. Latifah AlMakoshi</b>
<b>12 : 30 – 13 : 30</b>	<b>LUNCH / POSTER</b>	
<b>13 : 30 – 14 : 15</b> <b>Round table: Airway &amp; H&amp;N Abstracts</b>		
<b>Moderator: Dr. Abdullah Aboalfaraj</b>		
<b>13 : 30 – 13 : 40</b>	Pneumothorax/Pneumomediastinum as a complication of FB inhalation in 3 pediatric patients A case series	<b>Dr. Assaf Alkathiri</b>
<b>13 : 40 – 13 : 50</b>	Fourth Branchial Arch Anomalies - not all the same: A single center case series	<b>Dr. Maryam Alshamsi</b>

# DAY 01



Assultan A

16 NOVEMBER 2023

Time	Topic	Speaker
13:50 – 14:00	Clinical experience with biodegradable airway stents in the treatment of tracheomalacia in pediatric patients	Dr. Mohammed Halawani
14:00 – 14:15	Developing a pediatric airway service - challenges faces, lessons learnt and improvement opportunities	Dr. Shaik Basha
14:15 – 15:00	<b>Round table: Children with neck lumps</b>	
<b>Moderator: Dr. Afnan Bukhari</b>		
14:15 – 14:30	Understnading the sistrunk procedure: Surgical management of TGDC	Dr. Mai Nassir
14:30 – 14:45	Prenatal diagnosis of neck masses	Dr. Samir Bawazir
14:45 – 15:00	management of congenital & vascular neck masses in children	Dr. Alaeddin Jebreel
15:00 – 15:30	<b>POSTERS / BREAK</b>	
15:30 – 16:00	<b>Round table: Maliganncies in Children</b>	
<b>Moderator: Dr. Ammar Habibullah</b>		
15:30 – 15:45	Thyroid Cancer in Children and Adolescents	Dr. Ken Kazahaya
15:45 – 16:00	Management of pediatric H&N Sarcomas	Dr. Mohamed Garni
16:00 – 17:00	<b>Interesting Pediatric neck cases</b>	
<b>Moderator: Dr. Hussein Etwadi</b>		
<b>Panelists: Dr. Mohammed Garni-Dr. Alaeddin Jebreel-Dr. Samir Bawazir Dr. Ken kazahaya</b>		
17:00	<b>END OF FIRST DAY</b>	
18:00 – 19:00	<b>MEET THE EXPERTS</b>	

# DAY 01



Assultan B

16 NOVEMBER 2023

**Time**

**Topic**

**Speaker**

## Sponsors Workshops

10:30 – 12:30	<p>Cochlear® Technical Suite</p> 	
13:30 – 15:30	<p>Pediatric Audiology “Mastering Hearing screening test” Sponsored by ATTIEH MEDICO</p>  <p>عطية الطبية ATTIEH MEDICO</p>	<p>Dr. Hanan Akour</p>

# DAY 02



Assultan A

17 NOVEMBER 2023

## Time

## Topic

## Speaker

08 : 00 – 08: 35 **Round table of Sleep Surgery**

**Moderator:** Dr. Anas Kurdi

08: 00 – 08: 10	Translation and cross-cultural validation of the arabic version of pediatric sleep questionnaire in screening for pediatric sleep related breathing disorder	Dr. Lama Alkhunaizi
08: 10 – 08: 20	Incidence and Predictors of Readmission Following Tonsillectomy in Pediatric Population	Dr. Shmokh Alsalamah
08: 20 – 08: 35	Neonatal Nasal Obstruction	Dr. Wala Alshiha

08 : 35 – 09: 20 **Advancements in Obstructive Sleep Apnea in Children**

**Moderator:** Dr. Randa Barazi

**Panelists:** Dr. Ahlam Mazi-Dr. Mohamad El Bitar-Dr. Mohammed Halawani

09 : 20 – 10 : 00 **Home care for children with tracheostomy**

**Moderator:** Dr. Ahmad Alkhateeb - Dr. Sameera Dehathem  
Dr. Ranya AlShumrani

10 : 00 – 10 : 30 **POSTERS / BREAK**

10 : 30 – 11 : 00 **Round table: Sinonasal diseases in children**

**Moderator:** Dr. Iman Almashharawi

10 : 30 – 10 : 40	Juvenile Nasopharyngeal Angiofibroma	Dr. Abdullah AlBader
10 : 40 – 10 : 50	Complications of Sinusitis	Dr. Hayat Adib
10 : 50 – 11 : 00	PCD in Children	Dr. Turki Alahmadi



# DAY 02



Assultan A

17 NOVEMBER 2023

**Time**

**Topic**

**Speaker**

11 : 00 – 11 : 25

**Keynote: Management of septal perforation in children**

**Moderator: Dr. Talal Alkhatib**

**Keynote: Dr. Yuri Rusetskiy**

11 : 25 – 11 : 40

**QUESTIONS**

11 : 40 – 12 : 20

**ATTIEH MEDICO Symposium**



عطية الطبية  
ATTIEH MEDICO

12 : 20 – 13 : 30

**POSTERS / BREAK**

# DAY 02

 Assultan B

17 NOVEMBER 2023

**Time**

**Topic**

**Speaker**

## Pediatric Audiology Workshops

08:15 – 09:15

Programming of the bone conduction implant - Osia system

Dr. Mohammed Garada

09:15 – 11:15

Diagnostic ABR: Test recording, interpretation, and pitfalls

Dr. Alfarghal Mohamad

11:15 – 13:30

POSTERS / BREAK

## Sponsors Workshops Assultan B

13:30 – 15:30

Video Head Impulse Test: workshop from a Pediatric Perspective

Sponsored by ATTIEH MEDICO



Eng. Nicholas Baracchini  
Dr. Alfarghal Mohamad

15:30 – 17:30

Cochlear® Technical Suite



17:30

END OF DAY 2

**DAY 03**



**Assultan A**

**18 NOVEMBER 2023**

**Time**

**Topic**

**Speaker**

**Pediatric Otology & Audiology**

08 : 00 – 08: 40

**Optimizing Surgical Care:  
The Cochlear™ Nucleus® SmartNav System**



08 : 40 – 10 : 30

**Round table: Advancements in hearing  
loss management**

**Moderator: Dr. Mohamad El Bitar**

08: 40 – 08: 50

Assessment of speech recognition and quality of life as outcome measures in otitis media with effusion in arabic speaking children

**Dr. Sarah Alsebai**

08: 50 – 09: 00

The utility of MRI in assessing the cochlear duct length in children

**Dr. Afnan Bukhari**

09: 00 – 09: 15

Cochlear Implantation in Pediatrics:  
The Effect of Cochlear Coverage

**Dr. Fida Almuahwas**

09: 15 – 09: 20

**QUESTIONS**

09 : 20 – 09: 50

**Panel: Newborn hearing screening:  
best practices and regional perspectives**

**Moderator: Dr. Sarah Alsebai**

**Panelists: Dr. Rihab Alkhalil - Dr. Heidi Al-Wassia - Dr. Mohamad El Bitar**

09 : 50 – 10 : 30

**Panel: Early Cochlear Implantation,  
is there such a thing as too early?**

**Moderator: Dr. Rihab Alkhalil**

**Panelists: Dr. Fida Almuahwas - Dr. Ken Kazahaya - Ms. Huda Alsafadi**

10 : 30 – 11 : 00

**POSTER / BREAK**

# DAY 03



Assultan A

18 NOVEMBER 2023

## Time

## Topic

## Speaker

11 : 00 – 11 : 30

**Keynote: Cochlear Implantation in infants & Children: Three decades of progress**

**Moderator: Dr. Faisal Zawawi**

**Keynote: Dr. Ken Kazahaya**

11 : 30 – 12 : 30

**Panel: the role of bone conduction devices in children with conductive hearing loss**

**Moderator: Dr. Faisal Zawawi**

**Panelists: Dr. Nawaf Alsolami - Dr. Mohamed Garada - Ms. Manar Adwan  
Dr. Talal Alkhatib - Dr. Mohamad El Bitar**

12 : 30 – 13 : 30

**POSTER / LUNCH**

13 : 30 – 14 : 30

**Round Table: Vestibular disorders in children**

**Moderator: Dr. Faisal Zawawi**

13 : 30 – 13 : 40

Balance screening tool

**Dr. Weaam Alameer**

13 : 40 – 13 : 50

Pediatric Vestibular Migraine

**Dr. Mohamed Garrada**

13 : 50 – 14 : 30

10 Real clinical cases

**Dr. Alfarghal Mohamad**

Time	Topic	Speaker
14 : 30 – 15 : 00	<b>Panel: Tele-medicine: what have CI programs learned from the pandemic?</b>	
	<b>Moderator:</b> Dr. Fida Almuhawas	
	<b>Panelists:</b> Dr. Rihab Alkhalil - Dr. Mohamad El Bitar - Ms.Manar Adwan	
15 : 00 – 15 : 30	POSTER / BREAK	
15 : 30 – 16 : 15	<b>Panel: Auditory Neuropathy Spectrum Disorder in children</b>	
	<b>Moderator:</b> Dr. Ken Kazahaya	
	<b>Panelists:</b> Dr. Iman Almashharawi - Dr. Mohamed Garrada Ms. Huda Alsafadi	
16 : 15 – 17 : 00	<b>Round table: Challenging Cases in cochlear implantation</b>	
	<b>Moderator:</b> Dr. Iman Almashharawi	
	<b>Panelists:</b> Dr. Hussein Etwadi - Dr. Nawaf Alsolami	
17 : 00	FINAL REMARK AND CLOSING CEREMONY	



2023    
MESPO 

Middle East  
Symposium  
of Pediatric  
Otolaryngology



Scientific  
**Committee**

[www.mespo.net](http://www.mespo.net)

# Scientific Committee



**Dr. Talal Alkhatib**

Professor of Pediatric Otolaryngologist-Head & Neck Surgeon at KAU & KFSHRC  
Chairman of Otolaryngology Saudi residency training, Saudi commission for health Specialties  
Chairman of Medical Education Department, King Abdulaziz University  
Jeddah, KSA



**Dr. Ahmed Alkhateeb**

Assistant Professor at Imam Addulrahman Bin Faisal University  
Consultant Pediatric Otolaryngology Head and Neck Surgery  
Chair of Department, Otolaryngology Head and Neck Surgery at KFHU, KSA



**Dr. Hussein Etwadi**

Consultant Pediatric Otolaryngology Head and Neck Surgery Abha Maternity and Children Hospital  
Abha, KSA



**Dr. Iman Almashharawi**

Consultant Otolaryngology Head and Neck Surgery  
Pediatric Subspecialty Cochlear Implant  
Prince Sultan Military Medical City  
Riyadh, KSA



**Dr. Mohamad A. El Bitar**

Consultant ENT Surgeon and Chief of Otolaryngology  
Head & Neck Surgery at Al Jalila Children's Specialty Hospital  
Dubai, UAE.

# Organizing Committee



**Dr. Faisal Zawawi**

President, Middle East Symposium of Pediatric Otolaryngology (MESPO)



**Dr. Talal Alkhatib**

Professor of Pediatric Otolaryngologist-Head & Neck Surgeon at KAU & KFSHRC  
Chairman of Otolaryngology Saudi residency training, Saudi commission for health Specialties  
Chairman of Medical Education Department, King Abdulaziz University  
Jeddah, KSA



**Dr. Ibrahim Alnoury**



**Dr. Afnan F. Bukhari**

Pediatric Otorhinolaryngology - Head & Neck Surgery Fellow  
Department of Otolaryngology - Head and Neck Surgery  
King Abdulaziz University  
Jeddah, KSA

# Key Note Speaker



**Dr. Ken Kazahaya**

Professor of Clinical Otorhinolaryngology-Head and Neck Surgery  
Medical Director Complex Head and Neck Surgery and Hearing Implant  
Program  
Children's Hospital of Philadelphia and the University of Pennsylvania.  
Co-lead Surgeon of the Pediatric Thyroid Program at the Children's  
Hospital of Philadelphia.  
USA



**Dr. Yury Rusetskiy**

Chief of ENT department and science laboratory in Federal  
State Autonomous Institution «National Medical Research  
Center for Children Health» Of the Russian  
Federation Ministry of Health  
Head of ENT chair Central State Medical Academy of  
Department of Presidential Affairs  
Moscow, Russia

# Moderators & Panelists



**Dr. Abdullah Aboalfaraj**

Consultant Otolaryngology  
Pediatric Otolaryngology and  
Airway Reconstruction Surgery  
Maddinah, KSA



**Dr. Afnan F. Bukhari**

Pediatric Otorhinolaryngology -  
Head & Neck Surgery Fellow  
Department of Otolaryngology -  
Head and Neck Surgery  
King Abdulaziz University  
Jeddah, KSA



**Dr. Ahlam Abdulbari Mazi**

Associate Professor-Consultant Pediatric,  
Pulmonology and Sleep Medicine.  
Head of Pediatric Pulmonology Unit  
King Abdulaziz University Hospital  
Jeddah, KSA



**Dr. Ahmed Alkhateeb**

Assistant Professor at Imam Abdulrahman  
Bin Faisal University  
Consultant Pediatric Otolaryngology Head  
and Neck Surgery  
Chair of Department, Otolaryngology Head  
and Neck Surgery  
at KFHU, KSA



**Dr. Alaeddin Jebreel**

Consultant Otolaryngology- Head and Neck Surgery,  
Deputy Chairman Otolaryngology, H&N Surgery, and  
Communications Department.  
at King Faisal Specialist Hospital and Research  
Centre KFSHRC- Riyadh.  
Adjunct Assistant Professor, College of Medicine  
Al-Faisal University, KSA



**Dr. Ammar Habiballah**

Pediatric Otolaryngology and  
Airway Surgery  
King Abdulaziz University Hospital  
Jeddah, KSA





**Dr. Anas Kurdi**

Pediatric ENT Consultant  
Otorhinolaryngology Head and  
Neck Surgery  
Ohud Hospital  
Medina, KSA



**Dr. Faisal Zawawi**

President, Middle East Symposium  
of Pediatric Otolaryngology  
(MESPO)



**Dr. Fida Almuahwas**



**Dr. Heidi Al-Wassia**

Associate Professor and Consultant  
Neonatologist  
King Abdulaziz University Hospital  
Jeddah-KSA



**Ms. Huda Alsafadi**

Clinician Speech- Language Pathology  
Jeddah Institute for Speech and  
Hearing, Jeddah, Saudi Arabia



**Dr. Hussein Etwadi**

Consultant Pediatric Otolaryngology  
Head and Neck Surgery Abha Maternity  
and Children Hospital  
Abha, KSA



**Dr. Ibrahim Alnoury**



**Dr. Iman Almashharawi**

Consultant Otolaryngology Head and Neck  
Surgery  
Pediatric Subspecialty Cochlear Implant  
Prince Sultan Military Medical City  
Riyadh, KSA



**Dr. Ken Kazahaya**

Professor of Clinical Otorhinolaryngology-  
Head and Neck Surgery  
Medical Director Complex Head and Neck  
Surgery and Hearing Implant Program  
Children's Hospital of Philadelphia and the  
University of Pennsylvania, USA.



**Ms. Manar Adwan**



**Dr. Mohamad A. El Bitar**

Consultant ENT Surgeon and Chief of  
Otolaryngology  
Head & Neck Surgery at Al Jalila  
Children's Specialty Hospital  
Dubai, UAE.



**Dr. Mohamed Garrada**

Specialist of Audiovestibular  
Medicine  
King AbdulAziz University  
Jeddah, KSA



**Dr. Mohamed Garni**



**Dr. Mohammed Halawani**

Consultant Pediatric Otolaryngology Head & NECK Surgery  
King Abdullah Specialized Children Hospital,  
National Guard  
Riyadh, KSA



**Dr. Nawaf Alsolami**

Consultant Otolaryngologist, Otologist and Neurotologist  
Head of Otosurgery Division.  
Director of Saudi otolaryngology Residency Program  
King Fahad Armed Forces Hospital  
Jeddah, KSA.



**Dr. Osama Baghdady**

Vice-Head and Assistant Professor  
Pediatric Department, Faculty of Medicine,  
Jeddah, KSA



**Dr. Randa Barazi**

Assistant Professor of Pediatric  
Otolaryngology Head and Neck  
Surgery  
American University of Beirut  
Medical Center  
Lebanon



**Dr. Ranya AlShumrani**

Consultant of Pediatric  
Assistant Professor of Pediatrics  
King Abdulaziz University Hospital  
Jeddah, KSA



**Dr. Rihab Alkhalil**

Audiology Consultant & Chief of Pediatric Audiology  
Clinical Supervisor of Cochlear Implant Program and  
Newborn Hearing Screening Program  
Director of Saudi High Diploma in Clinical Audiology  
King Abdullah Specialist Children Hospital  
Riyadh, KSA



**Dr. Sameera Dehathem**

Senior Speech-Language Pathologist  
King Faisal Specialist Hospital and Research Center  
Assistant Professor, Master of Science in Speech-  
Language Pathology Program at Dar Al-Hekma  
University  
Jeddah, KSA



**Dr. Samir Bawazir**

Consultant Pediatric ORL.H&ns - Head of Division,  
PSMMC  
Head of Pediatric Ent Fellowship Training Programe  
at Saudi Commission For Health Specialties  
Riyadh, KSA



**Dr. Sarah Alsebai**

Specialist of Audiovestibular Medicine  
ENT and Head and Neck Surgery  
Department- Audiology Unit  
King Abdulaziz University Hospital  
Jeddah, KSA



**Dr. Talal Alkhatib**

Professor of Pediatric Otolaryngologist-Head & Neck Surgeon  
at KAU & KFSHRC  
Chairman of Otolaryngology Saudi residency training, Saudi  
commission for health Specialties  
Chairman of Medical Education Department, King Abdulaziz  
University  
Jeddah, KSA



**Dr. Yury Rusetskiy**

Chief of ENT Department and science Laboratory in Federal  
State Autonomous Institution «National Medical Research  
Center for Children Health» Of the Russian  
Federation Ministry of Health  
Head of ENT chair Central State Medical Academy of  
Department of Presidential Affairs  
Moscow, Russia

# Speakers



**Dr. Abdullah Kh AlBader**

Chairman, Department of  
Otolaryngology-Head and Neck  
Surgery  
Jaber Al-Ahmad Hospital  
Ministry of Health  
Kuwait



**Dr. Afnan F. Bukhari**

Pediatric Otorhinolaryngology -  
Head & Neck Surgery Fellow  
Department of Otolaryngology -  
Head and Neck Surgery  
King Abdulaziz University  
Jeddah, KSA.



**Dr. Ahmed Alammar**

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



**Dr. Alaeddin Jebreel**

Consultant Otolaryngology- Head and Neck Surgery,  
Deputy Chairman Otolaryngology, H&N Surgery, and  
Communications Department.  
at King Faisal Specialist Hospital and Research  
Centre KFSHRC- Riyadh.  
Adjunct Assistant Professor, College of Medicine  
Al-Faisal University, KSA



**Dr. Alfarghal Mohamad**

Chief of Audiology Services  
King Abdulaziz Medical City- for  
Health Sciences  
Jeddah, KSA



**Dr. Ammar Habiballah**

Pediatric Otolaryngology and  
Airway Surgery  
King Abdulaziz University Hospital  
Jeddah, KSA



**Dr. Assaf Alkathiri**

Senior Registrar in Pediatric ENT Department  
Maternity and Children Hospital.  
Abha, KSA



**Dr. Fahad A. Al-Saab**

Consultant of Pediatric Otolaryngology Head &  
Neck, Surgery Department  
King Abdullah Specialized Hospital for Children  
(KASCH)-Ministry of National Guard  
Riyadh, KSA



**Dr. Faisal Zawawi**

President, Middle East Symposium  
of Pediatric Otolaryngology  
(MESPO)



**Dr. Fida Almuahwas**



**Dr. Hanan Akour**



**Dr. Hayat Adib**



### Dr. Ken Kazahaya

Professor of Clinical Otorhinolaryngology-Head and Neck Surgery  
Medical Director Complex Head and Neck Surgery and Hearing Implant Program  
Children's Hospital of Philadelphia and the University of Pennsylvania, USA.



### Dr. Lama Alkhunaizi

Medical Student  
Imam Abdulrahman Bin Faisal University  
Dammam, KSA



### Dr. Latifah AlMakoshi

Assistant Professor of Department of ENT.  
King Saud, King Abdulaziz University  
Hospital  
Riyadh, KSA



### Dr. Mai Nasser

Consultant of Pediatric Otolaryngology  
Bahrain Defense Force -Royal Medical  
Services, Military Hospital  
Bahrain



### Dr. Maryam Alshamsi

PGY1 Otolaryngology Resident  
Dubai Academic Health Corporation (DAHC)  
Dubai, UAE



### Dr. Mohamed Garrada

Specialist of Audiostibular  
Medicine  
King AbdulAziz University  
Jeddah, KSA



### Dr. Mohamed Garni

### Dr. Mohammed Halawani

Consultant Pediatric Otolaryngology Head &  
NECK Surgery  
King Abdullah Specialized Children Hospital,  
National Guard  
Riyadh, KSA



### Dr. Osama Baghdady

Vice-Head and Assistant Professor  
Pediatric Department, Faculty of Medicine,  
Jeddah, KSA.



### Dr. Ranya AlShumrani

Consultant of Pediatric  
Assistant Professor of Pediatrics  
King Abdulaziz University Hospital  
Jeddah, KSA



### Dr. Sameera Dehaithem

Senior Speech-Language Pathologist  
King Faisal Specialist Hospital and Research Center  
Assistant Professor, Master of Science in Speech-  
Language Pathology Program at Dar Al-Hekma  
University  
Jeddah, KSA



### Dr. Samir Bawazir

Consultant Pediatric ORL.H&ns - Head of Division,  
PSMMC  
Head of Pediatric Ent Fellowship Training Programe  
at Saudi Commission For Health Specialties  
Riyadh, KSA



### **Dr. Sarah Alsebai**

Specialist of Audiovestibular Medicine  
ENT and Head and Neck Surgery  
Department- Audiology Unit  
King Abdulaziz University Hospital  
Jeddah, KSA



### **Dr. Shaik Basha**



### **Dr. Shmokh Alsalamah**

Division of Otolaryngology-Head and Neck  
Surgery, Department of Surgery, King  
Abdulaziz Medical City  
Ministry of National Guard Health Affairs  
Riyadh, KSA



### **Dr. Talal Alkhatib**

Professor of Pediatric Otolaryngologist-Head &  
Neck Surgeon at KAU & KFSHRC  
Chairman of Otolaryngology Saudi residency  
training, Saudi commission for health Specialties  
Chairman of Medical Education Department, King  
Abdulaziz University  
Jeddah, KSA



### **Dr. Turki Alahmadi**

Associate Professor, Pediatric Department, Faculty  
of Medicine King Abdulaziz University  
Chairman of Pediatric Department, Faculty of  
Medicine, King Abdulaziz University  
Jeddah, KSA



### **Dr. Wala Alshiha**

Consultant Pediatric Otolaryngology  
Deputy of Pediatric Otolaryngology  
Fellowship Program Director, PSMMC  
Riyadh, KSA



### **Dr. Weaam Alameer**

Audiological evaluation, assessment and treatment  
King Abdulaziz Medical City  
Jeddah, KSA



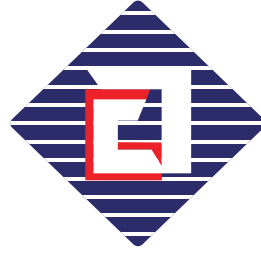
2023    
MESPO 

Middle East  
Symposium  
of Pediatric  
Otolaryngology



Our  
**Sponsors**

## Diamond



عطية الطبية  
ATTIEH MEDICO

## Golden



## Bronze

**Ambu**



شركة الخليج الطبيّة المحدودة  
GULF MEDICAL CO. LTD.



# The first telehealth assessment tool for cochlear implant recipients

Patients enrolled in Cochlear™ Remote Check by audiologists may complete a range of hearing assessments through the Cochlear™ Nucleus® Smart App\* in the comfort of their own home, at a time that suits them.

- ✓ Introduces a new remote care model for cochlear implant patients into your practice
- ✓ Offers a convenient care option for routine check ups, or for patients who are unable to visit the clinic.
- ✓ Designed to be flexible so each Remote Check appointment can be tailored to your patient's needs.
- ✓ Provides you with an interactive dashboard for easy access to patient insights.
- ✓ Uses Cochlear's direct wireless streaming and Cochlear's secure cloud technology.

[www.cochlear.com](http://www.cochlear.com)    

\*Patients must have a CI24RE or later implant to use Remote Check. For smartphone compatibility information and devices visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility)

This material is intended for health professionals. If you are a consumer, please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome.

Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information.

Cochlear, hear now. And always, Nucleus are either trademarks or registered trademarks of Cochlear Limited.  
© Cochlear Limited 2021. D1937226



**Cochlear**®  
Hear now. And always





## Cochlear™ Nucleus® 8 Sound Processor

# Smaller. Smarter. Better connected.

Help your patients engage with life and experience the comfort of the world's smallest and lightest behind-the-ear cochlear implant sound processor.<sup>1</sup>

The Nucleus® 8 Sound Processor delivers smarter hearing technology and features an improved ForwardFocus\* which automatically and seamlessly adjusts to your patient's listening environment.<sup>2-6,†</sup>

Ready for next-generation Bluetooth® LE Audio technology, it will make it easy for your patients to bring sounds closer – in more places and from more devices than ever.<sup>7-9,‡</sup>



**The Nucleus 8 Sound Processor is**

**15%** smaller than the Nucleus 7 Sound Processor<sup>1,§</sup>

**32%** smaller than the Nucleus 6 Sound Processor<sup>1,\*\*</sup>

[www.cochlear.com/nucleus8](http://www.cochlear.com/nucleus8)



\* 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 processors. ‡ 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 Compact Rechargeable Battery for Nucleus 7 Sound Processor. \*\* Comparison made using a Compact Battery Module with the Nucleus 8 Sound Processor and the Nucleus 6 (CP910) Sound Processor

1. Cochlear Limited. D1190805, Processor Size Comparison. May 2022. 2. Cochlear Limited. D1964109 Clinical Investigation Report CLTD5804. Feb 2022. 3. Cochlear Limited. D1864200 SCAN-2 Design Description. Apr 2022. 4. Mauger SJ, Warren C, Knight M, Goorevich M, Nel E. Clinical evaluation of the Nucleus 6 cochlear implant system: performance improvements with SmartSound iQ. International Journal of Audiology. 2014, Aug; 53(8): 564-576. [Sponsored by Cochlear] 5. Mauger S, Jones M, Nel E, Del Dot J. Clinical outcomes with the Kanso™ off-the-ear cochlear implant sound processor. International Journal Of Audiology. 2017, Jan 9; 1-10. [Sponsored by Cochlear] 6. Wolfe J, Neumann S, Marsh M, Schafer E, Lianos L, Gilden J, O'Neill L, Arkis P, Menapace C, Nel E, Jones M. Benefits of Adaptive Signal Processing in a Commercially Available Cochlear Implant Sound Processor. Otol Neurotol. 2015 Aug;36(7):1181-90. [Sponsored by Cochlear] 7. Cochlear Limited. D1631375 Nucleus 8 Sound Processor Product Definition. 8. Hunn N. Introducing Bluetooth® LE Audio [Internet]. [cited 2022 Jan]. Available from: <https://www.bluetooth.com/learn-about-bluetooth/recent-enhancements/le-audio/> 9. A Technical Overview of LC3 [Internet]. Bluetooth® Technology Website. [cited 2022 Feb 28]. Available from: <https://www.bluetooth.com/blog/a-technical-overview-of-lc3>.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Cochlear Limited is under license. This material is intended for health professionals. If you are a consumer, please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information. Cochlear, Hear now. And always, Nucleus, and the elliptical logo are either trademarks or registered trademarks of the Cochlear group of companies.

© Cochlear Limited 2022. D2040894 V4 2022-11



## Cochlear™ Nucleus® SmartNav System

# Optimising Surgical Care

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:

- ✓ Wireless, real-time, actionable insights to support navigation during cochlear implant surgery with regards to angular depth and speed of insertion<sup>1-7</sup>
- ✓ Objective measures to support in-theatre decision-making<sup>1,8,10</sup>
- ✓ Assurance of correct electrode placement and implant functionality to reduce the need for intraoperative imaging post-electrode insertion<sup>7,8</sup>
- ✓ Automated implant registration, data transfer and intuitive design to deliver a more seamless workflow<sup>8</sup>

[www.cochlear.com](http://www.cochlear.com)    

1. Page JC, Cox MD, Hollowoa B, Bonilla-Velez J, Trinidade A, Dornhoffer JL. Trends in Intraoperative Testing During Cochlear Implantation. *Otol Neurotol*. (2018 Mar); 39(3):294-298. 2. Kontorinis G, Lenarz T, Stöver T, Paasche G. Impact of the insertion speed of cochlear implant electrodes on the insertion forces. *Otol Neurotol*. (2011 Jun); 32(4):565-70. 3. Rajan GP, Kontorinis G, Kuthubutheen J. The effects of insertion speed on inner ear function during cochlear implantation: a comparison study. *Audiol Neurootol*. (2013); 18(1):17-22. 4. Todd I, Mittmann P, Ernst A. Intracochlear fluid pressure changes related to the insertional speed of a CI electrode. *Biomed Res Int* (2014); 2014:507241. 5. Morrel, WG, Holder, JT, Dawant, BM, et al. Effect of Scala Tympani Height on Insertion Depth of Straight Cochlear Implant Electrodes. *Otolaryngology – Head and Neck Surgery*. (2020); 194599820904941. Available from <https://doi.org/10.1177/0194599820904941> 6. Skarzynski H, Lorens A, Matusiak M, Porowski M, Skarzynski PH, James CJ. Cochlear implantation with the Nucleus slim straight electrode in subjects with residual low-frequency hearing. *Ear Hear* (2014); 35(2):e33-43. 7. Cochlear Limited. D1665111 V1 SEP2019. Angular Insertion Monitoring Algorithm TR16 Validation. 8. Cochlear Limited. D1946550 Cochlear Nucleus® SmartNav App user guide. 9. Cochlear Limited. D1840640 Custom Sound Pro User guide. 10. Botros A, van Dijk B, Killian M. AutoNRT™: An automated system that measures ECAP thresholds with the Nucleus® Freedom™ cochlear implant via machine intelligence. *Artif Intell Med*. 2007 May;40(1):15-28.

This material is intended for health professionals. If you are a consumer, please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information.

Cochlear, Hear now. And always, Nucleus, and the elliptical logo are either trademarks or registered trademarks of the Cochlear group of companies. iPad is a trademark of Apple Inc., registered in the U.S. and other countries.

© Cochlear Limited 2023. D2121059-V1 2023-08



**Cochlear®**  
Hear now. And always



# The Only Complete Portfolio of Implantable Hearing Solutions in the World



**SYNCHRONY**  
Cochlear Implant System



**SYNCHRONY EAS**  
Hearing Implant System



**VIBRANT SOUNDBRIDGE**  
Middle Ear Implant System



**BONEBRIDGE**  
Bone Conduction Implant System



**ADHEAR**  
Bone Conduction Hearing System



**Passive Middle Ear Implants**



MADE IN GERMANY  


**QSCREEN®**

**THE ULTIMATE DESIGN  
AND PERFORMANCE  
IN ABR & OAE  
HEARING SCREENING.**



**Noise cancellation technology  
reduces your test time.**



# SYNAPSYS VHIT

video head impulse test

## Key benefits

- It takes **only 5 minutes** to complete a full test!



- **No goggles!** Synapsys VHIT makes use of a remote camera placed in front of the patient.



- **Test children** of all ages!



- **Test independently** all six semi-circular canals



- **Save money** on disposables, Synapsys VHIT doesn't have any!



- Observe **simultaneously** eye and head movements



- Automatic detection of canal under test



- Scalable software accordingly to your needs



BLUESCAN™ ENT

445 nm

Discover the **true**  
**blue** power

INTERmedic  
A GSI COMPANY

Maximum versatility, flexibility and efficiency.

UV Smart

D60

Smart disinfection for channel-less  
endoscopes and TEE probes in 60 seconds.



UVsmart



gsi  
Grazon-Steinle

AMICO

[www.amicogroup.com](http://www.amicogroup.com)

# Notes

A series of 20 horizontal dotted lines for writing notes.

# Notes

A series of horizontal dotted lines for writing notes, spanning the width of the page.



# Notes

A series of horizontal dotted lines for writing notes.



2023    
MESPO 

Middle East  
Symposium  
of Pediatric  
Otolaryngology



*Thank you*