Sidra Medicine Pediatric Neuroscience Conference
16-18 November 2023
Marriott Marquis City Center Doha, Qatar
Speakers Faculty

Prof. Jorge A. González-Martínez, MD, PhD, Professor, UPMC Endowed Professor in Epilepsy and Movement Disorders Surgery, Vice-Chair, Department of Neurological Surgery; Director, Epilepsy & Movement Disorders Program ; Co-Director, University of Pittsburgh Epilepsy Center; Director, Cortical Systems Laboratory, University of Pittsburg, USA

Dr. Khalid Al-Kharazi, Senior Attending Pediatric Neurosurgeon, Sidra Medicine; Assistant Professor, Weill Cornell Medicine – Qatar; Clinical Associate Professor College of Medicine, Qatar University

Dr. Khalid Hundallah, Consultant Pediatric Neurology, Prince Sultan Medical Military City, Vice President, Saudi Pediatric Neurology Society, KSA

Dr. Khalid Ibrahim, Senior Attending Pediatric Neurologist, Sidra Medicine, Assistant Professor of Clinical Pediatrics, Weill Cornell Medicine, Qatar

Dr. Majid Aziz, MBBS, FRCPCH, CCT (Pediatric Neurology) -UK, Fellowship Pediatric Epilepsy and Neurophysiology (Australia), Consultant Paediatric Neurologist, Sheikh Khalifa Medical City, UAE

Dr. Khaled Zamel, Associate Professor of Clinical Neurology/ Clinical Pediatrics, Weill Cornell Medicine; Senior Neurology Consultant, Sidra Medicine, Qatar

Dr. Nabil Al Macki, MD, DCH, OMSB, MRCPCH (UK), FRCPC, Senior Consultant Paediatric Neurologist, Head of Paediatric Neurology, Royal Hospital, Oman

Dr. Omar Ismayl, MD, MSc. Paediatrics, MRCP (UK), FRCPCH, CCST, Consultant Paediatric Neurologist & Paediatric Neurology Division Chief, Sheikh Khalifa Medical City, UAE

Dr. Osama Muthaffar, Consultant of Pediatric Neurology, Epilepsy and Clinical Neurophysiology, King Abdulaziz University Hospital; Associate Professor of Pediatric Neurology King Abdulaziz University, Faculty of Medicine, Department of Pediatrics, King Abdulaziz University, Jeddah, Saudi Arabia

Dr. Raidah Albaradie, Consultant Pediatric Neurologist & Epileptologist, Director of Comprehensive Epilepsy Program, King Fahad Specialist Hospital, Dammam, KSA

Dr. Ruba Benini, Pediatric Neurologist and Epileptologist Medical Director of the Neu diagnostic Lab, Sidra Medicine, Qatar
Speakers Faculty

Prof. Tawfeg Ben Omran, Chief of Genetics and Genomic Medicine, Sidra Medicine, Senior Consultant, Medical Genetic Department, Hamad Medical Corporation, Professor, Weill Cornell Medical College, Qatar

Dr. Saad Saeed, Consultant Pediatric Cardiologist Sidra Medicine, Assistant Professor, Weill Cornell Medical College, Qatar

Mr. William Singleton, Consultant Paediatric Neurosurgeon, Bristol Royal Hospital for Children, UK
Welcome Message

We are delighted to welcome you to Sidra Medicine’s Pediatric Neuroscience Conference 2023.

Local, regional and international neuroscience experts from Europe and North America will share insights and best practice methodologies for better understanding of the epidemiology and mechanisms of neurological diseases, neurometabolic and neuromuscular disorders, focusing on early diagnosis and novel therapies.

The program includes a variety of lectures that will cover recent advances in diagnostic and therapeutic interventions that have helped improve the health outcomes of children living with chronic neurological, neuromuscular and neurosurgical diseases.

We look forward to welcoming you to the conference.

Who Should Attend

- Heads of Paediatric Neurology Department, Consultants & Specialists of Paediatric Neurology
- Heads of Paediatrics Department, Consultants & Specialists of Paediatrics
- Heads of Neurology Department, Consultants & Specialists from Neurology Department
- Heads of Neurosurgery Department & Neurosurgeons
- Genetic Consultants & Metabolic Consultants
- Nurses from Paediatric Neurology Department
- Neuropsychologists and Neuropsychiatrists
- Neurodisability Specialists
- Physical and Occupational Therapists
- Speech and Languages Pathologists
- Dieticians
- Industry Partners
- Other allied healthcare professionals

Learning Objectives

• Review the clinical presentation of seizures in children, including recognition of seizure mimickers.
• To have updates about many hot topics in neuromuscular disorders including novel gene-targeted therapies.
• Discuss updates in the classification of childhood epilepsy syndromes.
• Describe recent advances in the medical, dietary, surgical and neuromodulatory management of pediatric epilepsy.
• Review non-invasive and invasive electroencephalographic (EEG) findings in children of all ages

Why Attend

Networking opportunities  Regional & international experts  Evidence based case studies  Latest topics and researches  Newly discovered treatments
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>17:00</td>
<td>Registration, Coffee and Networking</td>
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<tr>
<td>17:25</td>
<td>Welcoming Remarks (Dr. Ian Pople, Dr. Husam Kayyali, Dr. Ruba Benini)</td>
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<tr>
<td>17:30</td>
<td>Systemic Manifestations of Neuromuscular Disorders</td>
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<td></td>
<td>Dr. Mahmoud Fawzi</td>
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<tr>
<td>17:55</td>
<td>Scoliosis in Neuromuscular Disorders</td>
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<td>Dr. Abdelmajid Sheikh Taha</td>
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<tr>
<td>18:20</td>
<td>Pulmonary Complications of Neuromuscular Disorders</td>
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<td>Dr. Amal Al Naimi</td>
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<tr>
<td>18:45</td>
<td>Cardiomyopathy in Duchenne Muscular Dystrophy (DMD)</td>
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<td>Dr. Saad Saeed</td>
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<tr>
<td>19:05</td>
<td>AADC deficiency: When to Suspect and What to do</td>
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<td>Dr. Mohamed Osman Eltahir Babiker</td>
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<tr>
<td>19:30</td>
<td>AADC (PTC)</td>
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<td>Prof. Tawfeg Ben Omran</td>
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<tr>
<td>20:00</td>
<td>Networking Dinner</td>
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Day One, Friday 17 November 2023

13:00  Registration, coffee and networking
13:20  Chairman's Opening Remarks

SESSION I

13:30  First Seizure – The What, the When and the Why
       Dr. Farouq Thabet
13:50  Seizure Semiology and Seizure Mimics
       Dr. Gayane Melikyan
14:10  Infantile Epilepsy Syndromes – Clinical and Electrophysiological Review
       Dr. Majid Aziz
14:30  Childhood Epilepsy Syndromes – Clinical and Electrophysiological Review
       Dr. Raidah Albaradie
14:50  Case Presentation and Panel Discussion
15:15  Networking Coffee Break

SESSION II

15:30  Status Epilepticus in Children
       Dr. Osama Muthaffar
15:50  Neurodevelopmental Co-Morbidities in Children with Epilepsy
       Dr. Omar Ismayl
16:10  Neuroimaging in Pediatric Epilepsy
       Dr. Jehan AlRayahi
16:30  Febrile Infection-Related Epilepsy Syndrome (FIRES)
       Dr. Khalid Hundallah
16:50  Case Presentation and Panel Discussion
SESSION III: Update on Diagnosis and Treatment of Neuromuscular Diseases: Experience from Qatar

17:30  The Intersection of Neuromuscular Disorders and Precision Medicine: Treatment and Prevention
       Prof. Tawfeg Ben Omran

18:05  State-Of-The-Art Advances in Duchenne Muscular Dystrophy
       Dr. Mahmoud Fawzi

18:40  Time is Neuron: Update on Current Genetic Therapies for SMA
       Dr. Khalid Ibrahim

19:10  Panel Discussion

19:30  Adjourn of Day One

19:30  Networking Dinner
<table>
<thead>
<tr>
<th>Time</th>
<th>Session IV</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Registration, coffee and networking</td>
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</table>
| 08:30 | Updates on the Genetics of Pediatric Epilepsy  
**Dr. Mohamed Osman Eltahir Babiker**                                             |
| 08:50 | Antiseizure Medications – What, when, why and for how long?  
**Prof. Fahad AL Bashiri**                                                |
| 09:10 | Dietary Therapies for Pediatric Epilepsy  
**Dr. Nabil Al Macki**                                                       |
| 09:30 | Controversies in the Management of Epilepsy: Subclinical Status Epilepticus – To Treat or Not to Treat  
**Dr. Husam Kayyali vs Dr. Ruba Benini**                                  |
| 10:00 | Panel Discussion                                                                                                             |
| 10:15 | Networking Coffee Break                                                                                                       |

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<thead>
<tr>
<th>Time</th>
<th>Session V</th>
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| 10:30 | Epilepsy Surgery – Why and When?  
**Dr. Khalid Al Kharazi**                                                      |
| 10:50 | Neurostimulation for Intractable Epilepsies – Why and What?  
**Mr. William Singleton**                                                  |
| 11:10 | Epilepsy Surgery – Outcomes and Comorbidities in Qatar  
**Dr. Ian Pople**                                                            |
| 11:30 | Invasive vs Noninvasive Epilepsy Surgery  
**Dr. Michael Carter**                                                       |
| 11:50 | Case Presentation and Panel Discussion                                                                                      |
| 12:00 | Neuromate Neurosurgical Robot Presentation  
**Ed Littlewood**                                                               |
| 12:15 | Networking Lunch                                                                                                            |
## SESSION VI

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>14:00</td>
<td>Brief Review of Basic Principles of EEG – Localization, Polarity and Montages</td>
<td>Dr. Khaled Zamel</td>
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<tr>
<td>14:30</td>
<td>Normal Wake and Sleep EEG – From Infancy to adulthood</td>
<td>Dr. Ali Alwadei</td>
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<tr>
<td>15:00</td>
<td>Review of Neonatal EEG</td>
<td>Dr. Cecil Hahn</td>
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<td>15:30</td>
<td>Networking Coffee Break</td>
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## SESSION VII

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>16:00</td>
<td>Abnormal EEG Patterns</td>
<td>Dr. Khaled Zamel</td>
</tr>
<tr>
<td>16:30</td>
<td>Continuous EEG Monitoring in the ICU</td>
<td>Dr. Majid Aziz</td>
</tr>
<tr>
<td>17:00</td>
<td>Intra-Operative Monitoring for Epilepsy Surgery - ECOG</td>
<td>Dr. Michael Carter</td>
</tr>
<tr>
<td>17:30</td>
<td>Intra-Operative Monitoring for Epilepsy Surgery – Stereo EEG</td>
<td>Prof. Jorge A. González-Martínez</td>
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<tr>
<td>18:00</td>
<td>Closing Remarks</td>
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**Registration and Payment Policy**

• All participants must register prior to congress admission.

• Pre-registered participants are advised to present a copy of their registration/payment slip at the onsite registration desk.

• Payment is due at the time of registration and includes lunches, refreshments, conference materials and certificate of attendance.

• Your registration will not be confirmed until payment is received in full.

• EFT / Direct Deposit to be effected as per bank details on the invoice.

• Payment should be made within 7 days of invoice date.

• Payment can also be done through credit card or Paypal.

**Discounts**

• All early bird discounts require payment at the time of registration and before the early bird deadline in order to receive any discount.

• Discount offers cannot be combined with any other offer.

**Cancellation Policy**

• Cancellations received 30 days prior to the event will receive a refund of the registration fees, an administration charge of 100 USD of the congress fee.

• Cancellations received less than 30 days prior to the event are not eligible for a refund.

• Refunds will be processed 2 months after the event completion date.

**Liability**

• Maarefah reserves the right to amend any part of the congress’ programme if necessary at any time.

• Maarefah will not be held liable for damages of any nature sustained by delegates or accompanying persons or loss of or damage to their personal property as a result of attending the congress or its related events.

• While every consideration has been taken when presenting the demographics of the attendees in the programme, Maarefah doesn’t guarantee the exact demographics of the congress attendees and can not be held responsible for the same.

**PAYMENT METHOD**

- By Wire Transfer
- By Credit Card

Please debit my credit card: [ ] Visa [ ] Master Card

Card No: ____________________________
Valid From: / / Expiry Date: / / 

Cardholder Name: ____________________________

Authorised Signature: ____________________________

Registration received on:

Full payment received:

**TERMS AND CONDITIONS**

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**Online registration**

• [https://maarefah.eventair.com/pnc-2023/spnc-reg](https://maarefah.eventair.com/pnc-2023/spnc-reg)