



# Sidra's Inaugural Pediatric Neuroscience Conference

4<sup>th</sup>-5<sup>th</sup> October 2019

## Welcoming note from the Organizing Team

*It is a great honour and privilege to welcome you to Sidra Medicine's first Pediatric Neuroscience Conference. The Pediatric Neuroscience Conference will be one of Sidra Medicine's flagship annual conferences and will serve to bring together world-renowned local and international experts from the fields of Neurology, Neurosurgery, Rehabilitation Medicine and Neuroradiology to discuss the latest developments in the diagnosis and management of complex neurological disorders. This year's conference will focus on Epilepsy and Spasticity. The educational sessions will serve to advance understanding of the epidemiology and mechanisms of these complex neurological diseases, discuss new diagnostic and therapeutic interventions, and ultimately serve to improve the health outcomes of the children living with these chronic and debilitating neurological diseases.*

*We hope that you will enjoy the educational content as well as get ample opportunity to network during the conference!*

*Dr Ian Pople (Division Chair, Neurosurgery)*

*Dr Khaled Zamel (Division Chair, Pediatric Neurology)*

*Dr Ruba Benini (Chair – Scientific Planning Committee)*

**Venue:** Sidra Medicine: Level 2, Tower E, Auditorium

**Target audience:** Physicians, Nurses, Allied Health Professionals

### **OVERALL LEARNING OBJECTIVES:**

- *Describe recent advances in the medical and surgical management of pediatric epilepsy.*
- *Describe recent advances in the medical and surgical management of spasticity in children.*
- *Illustrate the role of allied health professionals in the management of epilepsy and spasticity in children.*

## Program Overview

### Pre-conference Workshop – Thursday, October 3<sup>rd</sup>, 2019

#### Vagal Nerve Stimulation (VNS) Workshop\*

Al Wadi Hotel, 6-9pm

*\*Limited space. By special invitation only.*

### Conference Day 1 – Friday, October 4<sup>th</sup>, 2019

Time	Topic	Speaker
1:00-2:00pm	Registration & Refreshments	
2:00-2:15pm	<b>Welcoming Remarks</b> <i>Dr Khalid Zamel, Division Chief, Neurology &amp; Dr Ian Pople, Division Chief, Neurosurgery</i>	
<b>Session Chairs: Dr Khaled Zamel/ Dr Ruba Benini</b>		
2:15-2:45pm	Pediatric epilepsy - QOL, stigma & community engagement	<i>Dr Khalid Ibrahim, Doha, Qatar</i>
2:45-3:15pm	ILAE classification of epilepsy & epileptic syndromes	<i>Professor Helen Cross, London, UK</i>
3:15-3:30pm	Coffee Break	
3:30-4:00pm	Neonatal seizures - update on new treatments	<i>Dr Nicola Robertson, London, UK</i>
4:00-4:30pm	Cannabidiol in pediatric epilepsy - is there any evidence?	<i>Professor Helen Cross, London, UK</i>
4:30-5:00pm	Inflammation and the Autoimmune epilepsies	<i>Dr Cigdem Akman, Columbia, USA</i>
5:00-5:15pm	Coffee Break	
5:15-5:45pm	Genetics of epilepsy - an ever expanding update	<i>Dr Tawfeg Ben Omran, Doha, Qatar</i>
5:45-6:15pm	Neuroimaging in Pediatric Epilepsy	<i>Dr Jehan AlRayahi, Doha, Qatar</i>
6:15-6:45pm	Molecular Imaging and the Clinical Management of Epilepsy Patients	<i>Dr Mehdi Djekidel, Doha, Qatar</i>
7:30-9pm	Gala Dinner (La Cigale Hotel)	

## Day 2 – Saturday, October 4<sup>th</sup>, 2019

Time	Topic	Speaker
7:00-8:00am	Registration & Refreshments	
<i>Session Chairs: Dr Husam Kayyali</i>		
8:00-8:10am	<i>Epilepsy Case Presentation</i>	
8:10-8:40am	<i>Presurgical evaluation of children with refractory epilepsy</i>	<i>Dr Cigdem Akman, Columbia, USA</i>
8:40-9:10am	<i>Surgical interventions for refractory epilepsy - Part 1 (resective, lesionectomy, hemispherectomies, callosotomies)</i>	<i>Dr Caitlan Hoffman, NY, USA</i>
9:10-9:40am	<i>Surgical interventions for refractory epilepsy - Part 2 (VNS, DBS, RNS)</i>	<i>Dr Michael Carter, Bristol, UK</i>
9:40-10:00am	<i>Epilepsy Expert Panel Discussion</i> <i>(Dr Cigdem Akman; Dr Caitlan Hoffman; Dr Michael Carter)</i>	
10:00-10:15am	<b>Coffee Break</b>	
<i>Session Chairs: Dr Khalid Mohamed / Dr Talia Collier</i>		
10:15-10:35am	<b>Overview of Pediatric Motor Disorders: Diagnostic Approach</b>	<i>Dr Khalid Mohamed, Doha, Qatar</i>
10:35-11:00am	<b>Overview of Pediatric Motor Disorders: Natural History &amp; Prognosis</b>	<i>Dr Lisa Thornton, Doha, Qatar</i>
11:00-11:25am	<b>Role of the therapist in the early management of spasticity</b>	<i>Crystal Solomon Le Bars &amp; Angharad Creighton-Griffiths, Doha, Qatar</i>
11:25-11:55pm	<b>Neuroimaging in Spasticity</b>	<i>Dr Roxana Gunny, Doha, Qatar</i>
11:55am-1pm	<b>Lunch</b>	
<i>Session Chairs: Dr Ian Pople / Dr Lisa Thornton</i>		
1:00-1:30pm	<b>Spinal cord pathology and spasticity</b>	<i>Dr Khalid Alkharazi, Doha, Qatar</i>
1:30-2:00pm	<b>Genetics and Epidemiology of Hereditary Spastic Paraparesis - the Qatar experience</b>	<i>Dr Mahmoud Fawzi, Doha, Qatar</i>
2:00-2:30pm	<b>Medications for Spasticity and other tone disorders</b>	<i>Dr Mahmoud Abeidah, Doha, Qatar</i>
2:30-3:00pm	<b>Chemical denervation in spasticity</b>	<i>Dr Talia Collier, Doha, Qatar</i>
3:00-3:15pm	<b>Coffee Break</b>	

Time	Topic	Speaker
3:15-3:45pm	<b>Intrathecal Baclofen Therapy</b>	<i>Dr Anand Nene, Enschede, Netherlands</i>
3:45-4:15pm	<b>New surgical techniques for treatment of motor disorders – Selective Dorsal Rhizotomy</b>	<i>Dr Ian Pople &amp; Jennifer Smith, Bristol, UK</i>
4:15-4:45pm	<b>Spasticity Case Expert Panel Discussion</b> ( <i>Dr Lisa Thornton, Dr Khalid Mohamed, Dr Anand Nene</i> )	
4:45-5:00pm	<b>Closing Remarks - Dr Khalid Zamel &amp; Dr Ian Pople,</b>	

*“This activity is an Accredited Group Learning Activity Category 1 as defined by the Qatar Council for Healthcare Practitioners- Accreditation Department (QCHP-AD) and is approved for a maximum of 11 hours for Category 1.”*

*“This activity was planned by and for the healthcare team, and learners will receive 11 hours Interprofessional Continuing Education (IPCE) credits for learning and change”.*

*The Scientific Planning Committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators, and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.*



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