

## Oman Neurology Conference

1st Oman Neurology Society Conference  
 1st Oman Epilepsy Society and 1st Oman League Against Epilepsy conference  
 8th Saudi Epilepsy Society and 19th Saudi Chapter of epilepsy conference  
 5th Annual Gulf League Against Epilepsy conference

**Date: 21-23 March 2019**

**Venue: Grand Millennium Hotel, Muscat**

**Expected Attendees: 150-250**

Date	Time	Topic	Learning Objectives	Teaching Methodology	Duration (minutes)	Speaker & Qualification
21-3-2019	<b>8:00-09:30</b>	<b>session I: Dr Abdullah Al-Asmi, Dr Adel Al-Jishi</b>				
	8:00-8:15	update in MS pathophysiology	<ol style="list-style-type: none"> <li>1. Able to understand the role of B and t lymphocytes in the pathogenesis of MS</li> <li>2. Able to recognize various pathological changes at various stages of MS</li> </ol>	Lecture	15	Dr. Beatrice Benedetti, MD
	8:15-8:35	Update in MS epidemiology and risk factors	<ol style="list-style-type: none"> <li>1. the become familiar with the epidemiology of MS in the world and the region</li> <li>2. discuss the potential risk factors of MS</li> <li>3. and where applicable, provide directions of how these risk factors can be avoided</li> </ol>	Lecture	20	Prof. Dirk Delue, MD, PhD, FRCP, FAAN, FESO

	8:35-8:55	MS-Diagnostic criteria	<ol style="list-style-type: none"> <li>1. Be aware of the historic development in MS diagnostic criteria</li> <li>2. Be aware of the latest MS diagnostic criteria</li> </ol>	Lecture	20	Dr. Beatrice Benedetti, MD
	8:55-9:20	Pathophysiology and update diagnostic criteria of NMOSD	<ol style="list-style-type: none"> <li>1. To understand the immune pathology of NMOSD</li> <li>2. To highlight the expanding clinical phenotypes of NMOSD</li> <li>3. To elaborate the radiological features of NMOSD</li> </ol>	Lecture	25	Dr. Eslam Shosha, MD, FEBN
	9:20-9:30	Q/A			10	
	<b>11:15-12:10</b>	<b>Session II: Dr Abdullah Al-Salti</b>				
	11:15-11:35	RIS and update of neuroimaging of MS	<ol style="list-style-type: none"> <li>1. Discussing the importance of the radiologically isolated syndrome (RIS) of multiple sclerosis</li> <li>2. Highlight over the studies pointing the conversion of RIS to primary progressive multiple sclerosis</li> <li>3. Discussing the predictors that might provide the treating neurologist a prospect over the RIS cases.</li> </ol>	Lecture	20	Dr. Rumaiza Al-Yafeai, MBBs, SBNeuro, McDonald Fellow (MSIF)
	11:35-11:55	MS treatment option-update of MENA region guideline	<ol style="list-style-type: none"> <li>1. Highlight the recent approved disease modifying therapies</li> </ol>	Lecture	20	Dr. Raed Alroughani, MD, FRCPC, FAAN

			2. Discuss the update in the treatment algorithm			
	11:55-12:10	Q/A			15	
	<b>14:00-15:00</b>	<b>Session III: Prof. Arunodaya Gujjar</b>				
	14:00-14:20	update in NMOSD therapy	<ol style="list-style-type: none"> <li>1. The best modalities in treating NMOSD relapses</li> <li>2. Second line therapies</li> <li>3. What is in the horizon</li> </ol>	Lecture	20	Dr. Eslam Shosha, MD, FEBN
	14:20-14:45	MS Cases	<ol style="list-style-type: none"> <li>1. Be aware of various MS patients' presentation</li> <li>2. Be familiar with MS mimickers</li> </ol>	Lecture	25	Dr. Isa Alsharoqi, MD, MRCP
	14:45-15:00	Q/A			15	
	<b>16:00-17:00</b>	<b>Session IV: Dr Amna Al-Futaisi</b>				
	16:00-16:20	MS and pregnancy		Lecture	20	Dr Beatriz Canibano, MD
	16:20-16:40	Pediatric MS	<ol style="list-style-type: none"> <li>1. Discuss the differences between pediatric and adult onset MS</li> <li>2. Discuss the recent treatment updated with regards to the pediatric MS patients</li> </ol>	Lecture	20	Dr. Raed Alroughani, MD, FRCPC, FAAN
	16:40-17:00	Q/A			20	
<b>22-3-2019</b>	<b>730-7:55</b>	<b>Registration</b>				
	8:00-10:00	<b>Session I: moderators Dr Ashraf Al-Harathi, Dr. Waleed Al-Twajjri</b>				

	08:00-08:25	New and old AED	<ol style="list-style-type: none"> <li>1. Be able to list various AEDs</li> <li>2. Be familiar with their mechanism of action</li> <li>3. Be aware of the best choice of AEDs to treat various type of seizures</li> </ol>	Lecture	25	Prof S. Thomas, MD, DM, FIAN, FANA, FAMS
	8:25-8:50	Tailoring treatment to individual patient	<ol style="list-style-type: none"> <li>1. variation between new &amp; old AEDs</li> <li>2. AEDs selection algorithm</li> </ol>	Lecture	25	Dr. Majed Alhameed
	8:50-9:15	Ketogenic diet in pediatric epilepsy	<ol style="list-style-type: none"> <li>1. Efficacy of ketogenic diet in epileptic syndromes</li> <li>2. The role of ketogenic diet in super-refractory status epilepticus</li> </ol>	Lecture	25	Dr Nabil Al Macki, MD, FRCPC
	9:15- 9:30	Q/A				
	<b>9:30-10:30</b>	<b>Opening Ceremony</b>				
	<b>10:30-11:00</b>	<b>Break and Poster symposium</b>				
	<b>11:30-12:00</b>	<b>Session II: Moderator: Dr. Boulouar Mesraoua</b>				
	11:30-11:45	Fitness to drive for PWE: OES/SES recommendation	<ol style="list-style-type: none"> <li>1. Be aware of rules and regulation governing fitness to drive for PWE</li> <li>2. Be aware of the impact of such rules on the doctor-patient relationship</li> </ol>	Lecture	15	Dr. Ahmed Al Rumayyan, FAAP, FRCPC for the task force group
	11:45-12:00	Q/A session				
	<b>12:00-13:35</b>	<b>prayers and Lunch break</b>				
	<b>14:00-16:00</b>	<b>Session III: Dr Fawzia Bamogaddam, Dr. Abdulaziz Ashkanany, Dr. Saleh Baessa</b>				
	14:00-14:25	Pre-surgical evaluation in epilepsy	<ol style="list-style-type: none"> <li>1. Selection criteria for candidates for epilepsy surgery.</li> </ol>	Lecture	25	Dr Haifa Al-Abri, MD

			<ol style="list-style-type: none"> <li>2. Define the different epilepsy zones.</li> <li>3. Discuss a systematic approach to the diagnostic evaluation of patients who are candidates for epilepsy surgery</li> </ol>			
	14:25-14:50	Overview of surgical intervention in epilepsy:	<ol style="list-style-type: none"> <li>1. Epilepsy Surgery Principles and the Current Evidence</li> <li>2. The Access to Epilepsy Surgery</li> <li>3. Latest New Development in Epilepsy Surgery Techniques and Technologies</li> </ol>	Lecture	25	Dr. Faisal AlOtaibi, MD
	14:50-15:15	Neurostimulation in epilepsy:	<ol style="list-style-type: none"> <li>1. to discuss the types and modality of neurostimulation in epilepsy treatment</li> <li>2. to discuss the medical effect and mechanism of action of neurostimulation</li> <li>3. to discuss the limitation and adverse effect of neurostimulation in epilepsy</li> </ol>	Lecture	25	Dr. Khalid Qulati, MD
	15:15-15:30	Q/A				
	15:30-15:50	<b>Break</b>				
	15:50 –16:45	<b>Session IV: Dr. Nabil AlMajhad, Dr. Santosh Kumar</b>				
	15:50-16:10	Immunology of autoimmune epilepsy	<ol style="list-style-type: none"> <li>1. The basis of autoimmunity</li> <li>2. Pathogenesis of autoimmune epilepsy</li> </ol>	Lecture	20	Dr. Mahmood Al-Kindi, MD, FRCPA, PhD

			3. Methods of autoantibody detection			
	16:10-16:35	Autoimmune epilepsy, clinical presentation and management	1. Introduce the concept of autoimmune epilepsies and describe the clinical syndromes. 2. Highlight the importance of high index of suspicion and early diagnosis. 3. Stress the important of timely initiation of immunotherapy for improved outcome.	Lecture	25	Dr. Mohammed Jan, MB, Ch.B, FRCPC
	16:35-16:45	Q/A				
	<b>17:00</b>	<b>pick up from the venue to Gala dinner (by invitation)</b>				
23-03-2019	7:30-08:00	Registration				
	<b>8:00- 10:00</b>	<b>Session I: Dr. Danah Al Jaafari, Dr. Fatema Abdulla, Dr. Jasem Al-Hashel</b>				
	8:00-8:30	First seizure evaluation and management	1. Approach a patient with first unprovoked or provoked seizure. 2. Choosing necessary investigations 3. When to start Antiepileptic medications	Lecture	30	Dr. Osama Yousef Muthaffar, SBPN, CSCN, ABCN
	08:30-08:55	SUDEP and Epilepsy	1. Definition & incidence 2. Risk factors of SUDEP 3. Prevention of SUDEP	Lecture	25	Dr. Raidah AlBaradie , MD, ABMS, EMSH
	08:55-09-20	Update on management of Status epilepticus	1. To review the treatment guidelines for Status Epilepticus (SE) in children and adolescent	Lecture	25	Dr. Fahad Bashiri, MD

			2. To shed light on the importance of the presence and implementation of CPG in SE.			
	09:20-09:45	EEG utility in ICU setting	1.To understand the importance of EEG in detecting subclinical seizures in ICU. 2.To acknowledge the role of EEG in managing non-convulsive status epilepticus in ICU.	Lecture	25	Dr. Ziyad AlThani, MD
	09:45-10:00	Q/A				
	<b>10:30-11:00</b>	<b>Break</b>				
	<b>11:00-13:00</b>	<b>Session II: Dr Mazen Basheikh, Dr. Hassan Al Hail, Dr. Saif Al-Adawi</b>				
	11:00-11:30	Genetics of epilepsy, what is new?	1. General Introduction to genetics of epilepsy 2. Epilepsy is genetically heterogeneous 3. There are forms of genetic epilepsy that are etiologically treatable	Lecture	30	Dr Khalid Al-Thihli, MD, FRCPC, FCCMG
	11:30-11:55	Psychiatric issues in epilepsy	1. Review the epidemiology of depressive disorders in PWE 2. Highlights the impact of depression on health related outcomes 3. Emphasize the importance of	Lecture	25	Dr. Taoufik Alsaadi, MD, FAAN

			recognizing depression in PWE 4. Review treatment options			
	11:55-12:20	Driving, employment and epilepsy	1. Understanding difficulties of Patients with epilepsy in term of driving, employment 2. Elaborating on ethical issues related to driving, employment and epilepsy 3. International and local guidelines for epilepsy in term of driving and epilepsy	Lecture	25	Dr. Ahmed Al Rumayyan, , FAAP, FRCPC
	12:20-12:45	Transition care in epilepsy	1. be able to understand transition and transfer in Epilepsy care 2. to be aware of the impact of the transition of care in Adolescence 3. Different model of transition in Epilepsy Care	Lecture	25	Dr Bosanka Jovic-Jakubi, M.D.Ph.D.
	12:45-13:00	Q/A				
	<b>13:00-14:00</b>	<b>Prayers and Lunch break</b>				
	<b>14:00 – 15:30</b>	<b>Session III: Dr Reem Alyoubi, Prof. Khaleel Al-Shaikhly, Dr. Gaya Melikyan</b>				
	14:00-14:25	AEDs in pregnancy and child bearing women	1. Sensitize the delegates about the complex interaction between epilepsy pregnancy and antiepileptic therapy. 2. Familiarize the delegates regarding the malformation risk to the infants with antenatal	Lecture	25	Prof S. Thomas, MD, DM, FIAN, FANA, FAMS



			antiepileptic drug exposure 3. discuss the protocols for management of epilepsy and pregnancy			
	14:25-14:50	Epileptic syndromes in neonates	1. Seizures in neonates 2. Specific Epileptic syndromes in neonates, diagnosis and treatment.	Lecture	25	Dr. Reem Alkhater, MD, FRCP(C), MSc.
	14:50-15:15	Epilepsy in inborn errors of metabolism	1. Review the group of <i>inborn errors of metabolism</i> that lead to <i>seizures</i> and <i>epilepsy</i> 2. discuss how to approach metabolic epilepsies and suggest a diagnosis algorithm. 3. discuss therapeutic Options.	Lecture	25	Dr. Khalid Hundallah, MD, MRCPCH
	15:15-15:30	Q/A				
	15:30:15:40	announcement of wining posters and closing remarks: Dr. Amna Al-Futaisi				
		<b>WORKSHOPS</b>				
<b>21-3-2019</b>	<b>9:00-12:30</b>	<b>Hands-on EEG</b>				
		<b>Learning objectives:</b> <b>1.Learn the basics of EEG</b> <b>2. Learn different types of outpatient and inpatient EEG with interpretation</b> <b>3.Correlate the EEG with the clinical findings</b> <b>4.Learn different patterns of interictal and ictal EEG</b>				
	9:00-9:25	Basics of EEG		Lectures and Interactive		Dr. Khalid Saleh Alqadi, MD
	9:25-10:05	Outpatient EEG				Dr. Khalid Saleh Alqadi, MD

	10:05-10:30	Break		group discussion		
	10:30-11:15	Inpatient EEG				Dr. Khalid Saleh Alqadi, MD
	11:15-12:30	LTM in the EMU				Dr. Khalid Saleh Alqadi, MD
	<b>9:00-12:10</b>	<p style="text-align: center;"><b>Title: The 2017 ILAE Classification of Seizures</b></p> <p><b>Learning objectives:</b></p> <ol style="list-style-type: none"> <li><b>1. Understand the differences between the old and new classification of seizure types.</b></li> <li><b>2. Appreciate the introduction of new focal seizure types.</b></li> <li><b>3. Adapt to the new terminology and refrain from using certain old terminologies which are discouraged.</b></li> <li><b>4. Introduce the new classification in their practice in order to be on the same page with the international community involved in the ILAE.</b></li> <li><b>5. Use the new classification in educational and research activities.</b></li> </ol>				
	09:00 - 09:05	Introduction and Index Case:			05	Ali Mir, MD
	09:05 - 09:45	The 2017 ILAE Classification of Seizures		Lecture	40	Raidah AlBaradie, MD
	09:45 - 10:30	Learn How to Classify Seizures with Videos Part 1:		Interactive group discussion	45	Ziyad AlThani, MD
	10:30-11:00	Break				
	11:00 - 11:40	: Learn How to Classify Seizures with Videos Part 2:		Interactive group discussion	40	Ali Mir, MD
	11:40-12:10	Conclusion Q&A and Panel Discussion		Interactive group discussion	30	All

<b>21-3-2019</b>	<b>14:00-17:00</b>	<b><u>Lateralizing &amp; Localizing Signs in Focal Seizure Semiology workshop</u></b>				
		<b>Learning objectives:</b> <b>1. Able to recognize various clinical presentation of seizures,</b> <b>2. Able to lateralize and localize seizure onset</b>				
	14:00-14:20	Introduction			20	Sonia Khan, MD, FRCP
	14:20- 14:40	Case 1		Interactive group discussion	20	Haifa ALAbri, MD
	14:40-15:00	Case 2			20	Sonia Khan, MD, FRCP
	15:00-15:20	Case 3			20	Haifa ALAbri, MD
	15:20-15:40	Case 4			20	Sonia Khan, MD, FRCP
	15:40-16:00	Coffee Break				
	16:00-16:20	Case 5		Interactive group discussion	20	Haifa ALAbri, MD
	16:20-16:40	Case 6			20	Sonia Khan, MD, FRCP
	16:40-17:00	Case 7			20	Haifa ALAbri, MD
<b>21-3-2019</b>	<b>14:00-17:00</b>	<b>Title: EEG Normal/ abnormal</b>				
		<b>Learning objectives:</b> <b>1. Understanding the principle of normal EEG</b> <b>2. Understanding the principle of abnormal EEG</b> <b>3. Basic science of EEG</b>				
	14:00-14:30	Basic Concept Technology		Lectures and interactive group discussion	30	Dr Seiam, MBBch, MSc, PhD
	14:30-15:00	EEG Physiology			30	Dr Seiam, MBBch, MSc, PhD
	15:00-15:20	Normal EEG			20	Dr Seiam, MBBch, MSc, PhD
	15:20-15:40	Normal Variants			20	Mashaal O Al.Khateeb, MBBS, CSCN, ABCN, SHCR
	15:40-16:00	Break				

	16:00-16:30	EEG Artifacts		Lectures and interactive group discussion	30	<u>Mashaal O Al.Khateeb, MBBS, CSCN, ABCN, SHCR</u>
	16:30-1700	Abnormal EEG			30	<u>Mashaal O Al.Khateeb, MBBS, CSCN, ABCN, SHCR</u>
<b>22-3-2019</b>	<b>13:35 to 16:35</b>	<p style="text-align: center;"><b>Title: Getting your research published &amp; presenting it in conferences</b></p> <p><b>Learning Objectives:</b></p> <ol style="list-style-type: none"> <li><b>1. Prepare a manuscript with all components required by the journal.</b></li> <li><b>2. Avoid common pitfalls when preparing the manuscript.</b></li> <li><b>3. Prepare a letter detailing responses to the reviewers' comments.</b></li> <li><b>4. Prepare an effective poster and oral presentation of a research study.</b></li> </ol>				
	13:35-14:15	What editors look for in your manuscript		Lecture and interactive group discussion	40	Dr Ibrahim Al-Zakwani, PhD
	14:15-14:55	The submission cycle workshop			40	Dr Murtadha Khamis Al-Khabori, MD
	14:55-15:35	The ideal poster			40	Dr. Abdullah Al Reesi, MD, MSc, FRCPC
	15:35-15:50	Break				
	15:50-16:35	Effective research oral presentations		interactive group discussion	45	All speakers
<b>22-3-2019</b>	<b>13:35-15:30</b>	<p style="text-align: center;"><b>Title: Neuroimaging</b></p> <p><b>Learning objective:</b></p> <ol style="list-style-type: none"> <li><b>1. Knowing neuroimaging modalities &amp; examinations (indication, contraindication, IV contrast).</b></li> <li><b>2. To read emergency CT of the head.</b></li> <li><b>3. to know the imaging findings of common neurological diseases.</b></li> <li><b>4. Brief neuroanatomy of limbic system and common pathology.</b></li> </ol>				
	13:35-13:50	Neuroimaging modalities		Lecture		Dr. Khalsa Al-Ramadhani, MD, FRCR,

						FRCPC, DABR, ABR CAQ Neuroradiology
	13:50-14:15	How to read emergency CT Brain		Lecture		Dr. Fahad Al-Asheikh, MBBS, KSUF, MSc
	14:15-14:50	Imaging of MS		Lectures and case discussion		Dr. Khalsa Al- Ramadhani, MD, FRCR, FRCPC, DABR, ABR CAQ Neuroradiology
	14:50-15:30	Imaging of Epilepsy				Dr. Fahad Al-Asheikh, MBBS, KSUF, MSc
<b>23-3-2019</b>	<b>9:25-12:15</b>	<b>Title: Neuroanatomical localization in neurology</b>				
		<b>Learning objectives:</b>				
		<b>1. To related neuroanatomical knowledge with pattern recognition.</b>				
		<b>2. To Recognize and learn pearls in neuroanatomical localization.</b>				
		<b>3 Be able to have an approach to neuroanatomical localization through different clinical scenarios.</b>				
	9:25-10:30	Basic review of neuroanatomical localization:		Lecture	65	Dr. Ahmed Al-Qassabi, MD, FRCPC
	10:30-11:00	Break				
	10:30-11:15	Practical Cases Part I		Interactive group discussion	45	Dr. Abdullah Al-Salti, MD, MRCP (UK), FRCPC, CSCN
	11:15-12:15	Practical Cases Part II			60	Dr. Abdullah Al-Asmi, MD, FRCPC