

## MDS-AOS 5th Middle East Movement Disorders Camp

(Activity Code: AGI-03-P182)

December 15-16, 2024

Grand Hyatt Hotel, Doha

**Target Audience: Physicians, Allied Health Professionals, Nurses, & Health Researchers**

### Aim:

The fields of Parkinson's disease and Movement Disorders are underserved in the Middle Eastern region, which spans numerous countries and includes a population of over 500 million inhabitants. The understanding of Parkinson's disease and movement disorders is rapidly evolving and numerous therapeutic medical and surgical treatment options are available on the market.

The course is intended to provide up-to-date discussions on Parkinson's disease and other movement disorders and all available advanced therapies in the field.

### Delivery:

Two tracks will be delivered during this 2-day camp:

- **Medical Track:** This two day course is intended to increase knowledge about Parkinson's disease manifestations and management. The second day will focus on other movement disorders will include hands-on workshops on the use of Botulinum Toxin for movement disorders.
- **Rehabilitation Track:** This two day course is intended to increase knowledge about rehabilitation in Parkinson's disease and build clinical capacity of rehabilitative professionals in the Middle East. The first day of the course will focus on topic presentations and discussion centered on Parkinson's disease medial management updates. The second day will focus on how to use and optimize Parkinson care by implementing various rehabilitation techniques. The European PT guideline for decision support, assessment and management of Parkinson's disease will be used as a guide in some of the sessions of the second day. The second day will also include a number of practical workshops where participants will be able to apply some of the learned skills.

## Overall Learning Objectives:

### Medical Track:

- Explain the clinical phenomenology of motor and non-motor symptoms in Parkinson's disease.
- Recite the treatments available for the management of motor and non-motor symptoms of Parkinson's disease
- Explain clinical phenomenology of non-Parkinsonian movement disorders
- Apply treatment options for non-Parkinsonian movement disorders
- Apply the skills for the use of Botulin Toxin in movement disorders

### Rehabilitation Track:

- Recognize the clinical presentation, management and progression of PD.
- Understand the rationale of rehabilitative approaches in people with PD.
- Describe the key areas of rehabilitation in people with PD.
- Define a full subjective and objective assessment for a person with PD, using appropriate recommended measurement tools.
- Describe the rationale for designing and modifying a patient-specific treatment plan.
- Identify strategies for collaborating with physicians and other health professionals.

## Speakers

Speakers are national, regional and international experts in the field of Parkinson's Disease and Movement Disorders. (Refer to the agenda below for further details of invited speakers and presenters)

\* 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.

\* "This activity is an Accredited group learning activity (Category 1) as defined by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum number of 15.5 Hours."

\* "CPD-HP (QU—Health) is accredited by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section (DHP – AS) as a provider of continuing professional development."

Activity schedule:

Day 1: Sunday, December 15, 2024

COMBINED TRACK: Medical & Rehabilitation

Time and Speakers	Schedule and Learning Objectives
07:30-08:00	Registration & Arrival
08:00-08:30 Zakiyah Aldaajani & Hanan Khalil	Welcome by Course Directors
<p><b>Session 1: MD Phenomenology &amp; Neurodegeneration in Parkinson's Disease</b></p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>Identify how to differentiate between various movement disorders</li> <li>Explain the concept of neurodegeneration in Parkinson's disease</li> </ul>	
08:30-08:55 Mohit Bhatt	Phenomenology of Movement Disorders
08:55-09:20 Christine Klein	Did James Parkinson get it right? Is it time to redefine PD?
09:20-09:55 Shen-Yang Lim	Is Dopamine the only culprit: Story of PD Neurodegeneration
09:55-10:10	<b>Q &amp; A</b>
<b>10:10-10:25</b>	<b>Coffee Break</b>
<p><b>Session 2: Parkinson's Disease &amp; Atypical Parkinsonism</b></p> <p>Learning objectives:</p> <ul style="list-style-type: none"> <li>Explain motor &amp; non-motor features of Parkinson's disease &amp; the different approaches to its management</li> <li>Explain the different features of Atypical Parkinsonism</li> </ul>	
10:25-10:50 Mishaal Abulmelh	Overview of motor features of PD & its management
10:50-11:15 Mehri Salari	Overview of non-motor features of PD & its management
11:15-11:40 Gholam Adeli	Tauopathies & Synucleinopathies
11:40-12:00	<b>Q &amp; A</b>
<b>12:00-13:15</b>	<b>Lunch</b>

<b>Workshop 1: Botulinum Toxin use in Movement Disorders &amp; Tremor</b>	
<ul style="list-style-type: none"> <li>Demonstrate the skills required for botulinum injection in dystonia and tremor</li> </ul>	
13:15-13:45	Saeed Boholega Botulinum Toxin for cranial dystonia
13:45-14:15	Amaal Aldakheel Botulinum Toxin for Limb dystonia
14:15-14:45	Shivam Mittal Botulinum Toxin for Tremor
<b>14:45-15:00</b>	<b>Coffee Break</b>
<b>Session 3: Parkinson's Disease in the Middle East</b>	
<ul style="list-style-type: none"> <li>Identify Parkinson disease genes that are commonly seen in the Middle East</li> <li>Explain the challenges that the MENASA face in the management of Parkinson's disease</li> </ul>	
15:00- 15:15	Amaal Aldakheel Uncovering the genetic basics of PD in the Middle East
15:15-15:30	Zakiyah Aldaajani Unmet needs & opportunities in the management of PD in the Middle-East
15:30-15:45	Hanan Khalil Parkinson's disease in the MENASA region
15:45- 15:55	<b>Q &amp; A</b>
<b>Session 4: Management of Parkinson's Disease</b>	
<ul style="list-style-type: none"> <li>Discuss the medical and surgical treatment of Parkinson's disease</li> <li>Discuss the exercise use and other non-pharmacological approaches in the management of Parkinson's disease</li> </ul>	
15:55-16:15	Shivam Mittal Pharmacological management of Advanced PD including pump therapy
16:15-16:35	Faisal AlOtaibi Surgical Treatment of PD
16:35-16:55	Hanan Khalil Non-pharmacological therapies of PD
16:55-17:15	Amir Abdulla Parkinson's Disease in Older Adults: Enhancing Outcomes Through Multidisciplinary Collaboration.
17:15-17:25	<b>Q &amp; A</b>
<b>17:25-17:35</b>	<b>Break</b>
<b>Session 5: Video Case Presentations</b>	
<ul style="list-style-type: none"> <li>Discuss different Parkinson and movement disorders cases presented experts in the field</li> </ul>	
17:35-18:00	Shen-Yang Lim Video 1: Parkinson's Disease Mimics
18:00-18:25	Carolyn Sue Video 2: Movement Disorders in Mitochondrial Disease
18:25-18:50	Christine Klein Video 3: Genetic Movement Disorders
18:50-19:15	Mohit Bhatt Video 4: Movement Disorder Emergencies
<b>19:15-19:30</b>	<b>Adjourn Day 1</b>

Activity schedule:

Day 2: Monday, December 16, 2024

SPLIT TRACKS: Medical OR Rehabilitation

MEDICAL TRACK		REHABILITATION TRACK	
Time & Speakers	Schedule and Learning Objectives	Time & Speakers	Schedule and Learning Objectives
<b>Session 1: Movement Disorders</b> <ul style="list-style-type: none"> <li>• Discuss management strategies used in different movement disorders other than Parkinson's disease</li> </ul>		<b>Session 1: Exercise Skills in MD Treatment</b> <ul style="list-style-type: none"> <li>• Discuss the role of exercise and skill training in the management of Parkinson's disease</li> <li>• Discuss the role of speech therapy in the management of Parkinson's disease</li> <li>• Provide case studies for the interdisciplinary rehab management for people with Parkinson's disease</li> </ul>	
8:30-8:55 Mohit Bhatt	Drug induced movement disorders	8:00-8:25 Hanan Khalil	Exercise and skill training in PD: Neuroplasticity and recommendations for exercise and training
8:55-9:20 Christine Klein	Management strategies of Functional Movement Disorders	8:25-8:50 Isabel Guimaraes	Speech and swallowing therapy in PD: general overview with focus on working with MDT
9:20-9:45 Mishaal Abulmelh	Management strategies in Tics & Tourette	8:50-9:00	Q & A
9:45-10:00	Q & A	9:00-10:00 Aseel Aburub	<b>Combined Workshop 1:</b> Exercise for cardio-respiratory problems in PD including case studies
<b>10:00-10:15</b>	<b>Coffee Break</b>		

MEDICAL TRACK		REHABILITATION TRACK		
<b>Session 2: Movement Disorders</b> <ul style="list-style-type: none"> <li>Discuss hyperkinetic movement disorders identification and management</li> </ul>		<b>Session 2: Speech &amp; Swallowing</b> <ul style="list-style-type: none"> <li>Discuss the different swallowing and speech problems in Parkinson's disease</li> <li>Discuss in depth the different management approaches for swallowing and speech difficulties in Parkinson's disease</li> </ul>		<b>Session 2: PT &amp; OT</b> <ul style="list-style-type: none"> <li>Discuss different mobility and gait problems in Parkinson's disease and their rehab management approaches</li> <li>Discuss the different balance problems and falls in people with Parkinson's disease and their rehab management approaches</li> </ul>
10:15-10:45 Shivam Om Mittal	Tremor syndromes, diagnosis & management	10:15-10:30	Swallowing difficulties in PD Mays Danoun	Movement strategy training for gait in PD Sanil Koyili
10:45-11:15 Gholam Adeli	The different faces of dystonia	10:30-10:50	Speech Therapy in PD Isabel Guimaraes	Movement strategy training in PD for balance and falls Maarten Nijkrake
11:15-11:45 Mehri Salari	Myoclonus	10:50-10:55	Q & A	Q & A
11:45-12:00	Q & A	11:00-12:00 Maarten Nijkrake, Isabel Guimaraes, Aseel Aburub, Mohammed Al-Harbi, Amir Abdulla	<b>Combined Workshop 2: Management Strategies in Parkinson's Disease (Clinical Reasoning for interdisciplinary practice in Video Cases)</b> <ul style="list-style-type: none"> <li>Provide clinical reasoning using video cases/cases for interdisciplinary practices in the management in PD including the caregiver role.</li> </ul>	
<b>12:00-13:00</b>	<b>Lunch</b>			

MEDICAL TRACK		REHABILITATION TRACK		
<b>Session 3: Movement Disorders in the Middle East</b> <ul style="list-style-type: none"> <li>Discuss and identify commonly seen genetic movements disorders in the Middle East region</li> </ul>		<b>Workshop: Speech &amp; Swallowing</b> <ul style="list-style-type: none"> <li>Demonstrate and apply the skills required to undertake different approaches for the assessment of speech and swallowing difficulties in Parkinson's disease</li> </ul>		<b>Workshop: PT &amp; OT</b> <ul style="list-style-type: none"> <li>Demonstrate and apply the skills required to undertake different approaches for the assessment and training of gait in Parkinson's disease</li> </ul>
13:00-13:25 Saeed Boholega	Genetic MDs commonly seen in the Middle East	13:00-14:15	Difficulties in PD with focus on assessment  Isabel Guimaraes, Mays Danoun, Mohammed Al-Harbi	History taking, assessment and training strategy for gait in PD  Sanil Koyili, Hanan Khalil, Maarten Nijkrake
13:25-13:50 Amaal Aldakheel	Huntington's disease in the MENASA region, where do we stand?			
13:50-14:00	Q & A			
<b>Session 4: Movement Disorders: The Expert View</b> <ul style="list-style-type: none"> <li>Discuss the management of rare movement disorders</li> <li>Discuss experts experiences of rare movement disorders.</li> </ul>		<b>Workshop: Speech &amp; Swallowing</b> <ul style="list-style-type: none"> <li>Demonstrate and apply the skills required to undertake different approaches for the management of speech and swallowing difficulties in PD</li> </ul>		<b>Workshop: PT &amp; OT</b> <ul style="list-style-type: none"> <li>Demonstrate and apply the skills required to undertake different approaches for the assessment and training of balance and falls in PD</li> </ul>
14:00-14:30 Carolyn Sue	Lessons Learned from My Experience in Movement Disorders	14:15-15:15	Difficulties in PD with focus on interventions  Isabel Guimaraes, Mays Danoun, Mohammed Al-Harbi	History taking, assessment and training strategy for Balance and falls in PD  Maarten Nijkrake, Aseel Aburub, Sanil Koyili
14:30-15:00 Shen Yang Lim	Rare & difficult to treat Movement Disorders			
15:00-15:15	Q & A			
15:15-15:45	Closing remarks			