



MDS-AOS Essentials in Movement Disorders for Early Career Clinicians and Scientists

November 24-25, 2026

DAY 1: Tuesday, November 24, 2026	
8:30 – 9:00	Course Check-In / Registration
9:00 – 10:45	Session 1
9:00 – 9:30	Basal Ganglia and Cerebellar Circuits in Action: From Pathophysiology to Targeted Therapies with Medications and Deep Brain Stimulation
9:30 – 10:00	Approach to Parkinsonism: A Practical Diagnostic Framework
10:00 – 10:30	Approach to Hyperkinetic Disorders: Tremor, Dystonia, and Myoclonus
10:30 – 10:45	Q&A / Panel Discussion
10:45 – 11:00	Coffee Break
11:00 – 12:15	Session 2
11:00 – 11:30	The Art, the Science, and the Mastery of Movement Disorders
11:30 – 12:00	Genetics of Movement Disorders: What, When and How Should We Test?
12:00 – 12:15	Q&A / Panel Discussion
12:15 – 13:00	Lunch
13:00 – 14:45	Session 3: Patient Grand Rounds
14:45 – 15:00	Coffee Break
15:00 – 16:00	Session 4: Debate
15:00 – 15:30	Levodopa-First vs Dopamine Agonist/MAO-B Inhibitor-First: What Is the Best Initial Strategy in Young-Onset Parkinson's Disease?
15:30 – 15:40	Discussion with Participants
15:40 – 16:10	AI-Driven Digital Biomarkers vs Established Biological and Clinical Markers: Which Should Lead Routine Care in Parkinson's Disease?
16:10 – 16:20	Discussion with Participants
16:20 – 16:30	Day 1 Wrap-Up

DAY 2: Wednesday, November 25, 2026	
8:00 – 8:30	Course Check-In
8:30 – 9:30	Session 5: SYNERGIES Junior Faculty Abstract Presentations The top three scoring Junior Faculty of the MDS-AOS Virtual SYNERGIES course will present their abstracts in-person during this course session.
8:30 – 8:50	SYNERGIES Junior Faculty Presentation 1
8:50 – 9:10	SYNERGIES Junior Faculty Presentation 2
9:10 – 9:30	SYNERGIES Junior Faculty Presentation 3
9:30 – 10:45	Session 6 Moderator: Eng-King Tan, Singapore
9:30 – 10:00	Botulinum Toxin in Dystonia and Spasticity: Indications, Targeting, and Pearls
10:00 – 10:30	Gene Therapy and Targeted Molecular Treatments
10:30 – 10:45	Q&A / Panel Discussion
10:45 – 11:00	Coffee Break
11:00 – 12:15	Session 7
11:00 – 11:30	Building Clinician–Scientist Bridges: Designing Translational Movement Disorders Projects in AOS Countries
11:30 – 12:00	Quantifying Movement in the Real World: Wearables, Digital Biomarkers, and AI-Based Phenotyping in Movement Disorders
12:00 – 12:15	Q&A / Panel Discussion
12:15 – 12:25	Course Director Closing Remarks