



 **MEDİPOL**
UNV-PARMER
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PARKINSON'S DISEASE AND
MOVEMENT DISORDERS CENTER

NEUROLAB
— İSTANBUL —

**Excellence in the
Treatment of Movement
Disorders Course**

November 13-14, 2024

 **MEDİPOL**
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Acıbadem Bölge Hastanesi



NEUROLAB



— I S T A N B U L —

As NeuroLab Istanbul 2024 team we are pleased to invite you to a special accreditation applied course, **NeuroLab Istanbul 2024:**

A course pushing boundaries of neurofrontiers to open up new perspectives in the treatment of movement disorders.

This enriched education program aims to provide young professionals in neurology and neurosurgery with in-depth knowledge and hands-on experience in DBS technology and care for movement disorders.

Dates:

Wednesday, November 13, 2024

Thursday, November 14, 2024

Venue:

Medipol Acibadem District Hospital Meeting Center,
Istanbul/Türkiye

Program Organizer:

Istanbul Medipol University Parkinson's Disease and
Movement Disorders Center (PARMER)

Language:

The official language of the congress is English.
No simultaneous translation will be provided.

Organizing Committee:

Alfonso FASANO, MD. Ph.D. Toronto Western Hospital,
Krembil Brain Institute University of Toronto,
Division of Neurology

Andres LOZANO, MD. Ph.D. University of Toronto,
Division of Neurosurgery

Ali ZIRH, MD. Ph.D. Istanbul Medipol University,
Division of Neurosurgery & PARMER

Day 1: November 13, 2024

08:00–08:15 **Registration and Welcome: November 13, 2024**

FUNDAMENTALS, CLASSIFICATION AND TREATMENT OF MOVEMENT DISORDERS **Moderator: Murat EMRE**

INTRODUCTION TO MOVEMENT DISORDERS

08:30–09:00 Phenomenology, classification and diagnostic approach
Alfonso FASANO

HYPOKINETIC MOVEMENT DISORDERS

09:00–09:30 Pathophysiology, clinical features and diagnosis of PD
Alfonso FASANO

09:30–10:00 Non-Motor Symptoms in Parkinson's Disease / Gülay KENANGİL

10:00–10:30 Medical Management of PD / Rezzak YILMAZ

10:30–11:00 Treatment of motor complications and device
aided treatments / Cenk AKBOSTANCI

11:00–11:15 Coffee Break

ATYPICAL PARKINSONISM

11:15–11:45 Spectrum of atypical parkinsonism; pitfalls and red flags
Cenk AKBOSTANCI

11:45–12:15 Management of Atypical Parkinsonism
Aslı Demirtaş TATLİDEDE

12:15–14:00 Lunch & Present your case and ask for expert opinions

HYPERKINETIC MOVEMENT DISORDERS: MECHANISM AND CLASSIFICATION

14:00–14:30 Dystonia: Diagnostic algorithm and treatment / Bedia SAMANCI

14:30–15:00 Tremor: Diagnostic approach and treatment / Buse Çağla ARI

15:00–15:15 Coffee Break

15:15–15:45 Chorea: Diagnostic approach and treatment / Gencer GENÇ

15:45–16:15 Myoclonus: Diagnosis and treatment / Alfonso FASANO

16:15–16:45 Tic disorders / Seda BOSTAN

16:45–17:15 Functional movement disorders / Zeynep TÜFEKÇİOĞLU KORKMAZ

17:15–18:00 General Discussion and Closing Remarks

Day 2: November 14, 2024

SURGICAL TREATMENT FOR MOVEMENT DISORDERS

Morning Sessions - Moderators: Andres LOZANO and Mehmet TÖNGE

08:30-08:55	Basal ganglia anatomy, pathophysiology and target selection Cenk AKBOSTANCI
08:55-09:20	Indications: Inclusion and exclusion criteria for surgery (PD, tremor and dystonia) / Alfonso FASANO
09:20-09:40	Operative considerations: Frame vs frameless, image-guided surgery, Asleep DBS / M. Yavuz SAMANCI
09:40-10:00	What is going in the OR: Awake surgery; MER, Micro and Macro-Stimulation / Ali ZIRH

DBS OVERVIEW / INDUSTRIAL PRESENTATIONS

10:00-10:15	Mechanism of action / Presentation 1
10:15-10:30	System components / Presentation 2
10:30-10:45	IPG types / Presentation 3

10:45-11:00 Coffee Break

PARKINSON'S DISEASE

11:00-11:15	Initial Programming and follow-up visits in STN and GPi cases Alfonso FASANO
11:15-11:30	Tips and pitfalls and managing of stimulation-induced side effects / Alfonso FASANO
11:30-11:45	Short and Long-Term Outcome in advanced PD patients Gülnar İBRAHİMOVA

TREMOR

11:45-12:00	Initial Programming and follow-up visits for tremor Cenk AKBOSTANCI
12:00-12:15	Tips and pitfalls and managing of stimulation-induced side effects / Cenk AKBOSTANCI
12:15-12:30	Short and Long-Term Outcome in Tremor / Mehmet TÖNGE

12:30 -12:45 Best Case Presentation Award Ceremony

12:45-14:00 Lunch / Meet patients & observe DBS programming

Aftrernoon Sessions - Moderators: Ali SAVAŞ – Ali ZIRH

DYSTONIA

14:00-14:15	Surgical Treatment of Dystonia Ali SAVAŞ
14:15-14:30	Initial Programming and follow-up visits for dystonia Amaal ALDAKHEEL
14:30-14:45	Tips and pitfalls and managing of stimulation-induced side effects / Amaal ALDAKHEEL
14:45-15:00	Short and Long-Term Outcome in Dystonia Amaal ALDAKHEEL

A NOVEL APPROACH TO MOVEMENT DISORDERS: MRI GUIDED FOCUSED ULTRASOUND

15:00 - 15:15	Mechanisms of action and technical aspects / Mehmet TÖNGE
15:15-15:30	Update on MRgFUS for Movement Disorders / Andres LOZANO
15:30-15:45	DBS in other Movement Disorders / Andres LOZANO
15:45-16:00	The future of DBS / Andres LOZANO

16:00-16:30 General Discussion, Closing remarks & See you in 2025



**SUBMIT YOUR CASE TO GET THE
“BEST PRESENTATION CERTIFICATE”
AND TO BE THE GUEST OF THE
ORGANIZATIONAL
COMMITTEE FOR THE NEXT
NEUROLAB ISTANBUL COURSE.**

FIND MORE
INFORMATION




Questions? Contact us now!

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