



# 1<sup>ST</sup> INTERNATIONAL EDUCATIONAL COURSE FOR MOVEMENT DISORDERS

Unmet Needs in Movement Disorders,  
A Multidisciplinary Approach

Under Patronage of

**Prof. Abdel Wahab Ezzat**

Chairman of Ain Shams University

*In collaboration with*

The International Society of Parkinson and Movement Disorders  
& The Movement Disorders Clinic in ASUSH

23<sup>rd</sup> - 25<sup>th</sup> February 2017 - Dusit Thani Lakeview Hotel, Cairo

P R O G R A M B O O K

EGYPT   
WHERE IT ALL BEGINS**COURSE PRESIDENTS**

Prof. Magd F. Zakaria  
Chairman Neurology  
Department, ASU  
Prof. Emad Ghanem  
Chairman Neurosurgery  
Department, ASU.

**COURSE DIRECTORS**

Walid A. Abdel Ghany, M.D., Ph.D  
Assist. Prof. of Neurosurgery

Zeiad Y. Fayed, M.D., Ph.D  
Assist. Prof. of Neurosurgery

Alia H. Mansour, M.D., Ph.D  
Lecturer. of Neurology

**COURSE COORDINATOR**

Hisham Anwar, M.D., Ph.D  
Assist. Prof. of Neurosurgery

**ORGANIZING COMPANY**

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Chairman Neurology Department, ASU  
**PROF. EMAD GHANEM**  
Chairman Neurosurgery Department, ASU

**HONORARY PRESIDENT**

**PROF. HELMY ALGHOR**  
Director of ASUSH

**COURSE DIRECTORS**

**PROF. WALID ABDELGHANY MD**  
**PROF. ZEIAD FAYED MD**  
**PROF. ALIA MANSOUR MD**

**COURSE COORDINATOR**

**PROF. HESHAM ANWAR**

**INVITED FACULTY**

Arranged by Alphabetical



**Prof. ELENA MORD, MD**  
Professor of Neurology,  
psychiatry and  
Neurorehabilitation  
Director of the Movement  
Disorders Unit, University  
Grenoble-Alpes, Grenoble, France



**Prof. JOACHIM K.  
KRAUSS, MD**  
Professor of Neurosurgery  
Chairman and Director Medical  
University of Hanover, Germany  
President of World Society for  
Stereotactic and Functional  
Neurosurgery



**Prof. JOAQUIM  
FERREIRA,**  
MD MDS-ES Chair  
Professor of Neurology and  
Clinical Pharmacology  
Faculty of Medicine, University  
of Lisbon

## LEARNING OBJECTIVES

### AT THE CONCLUSION OF THIS ACTIVITY, YOU SHOULD BE ABLE TO ACCOMPLISH THE FOLLOWING:

- Recognize, diagnose, and classify parkinsonism, dystonia, and other movement disorders
- Differentiate atypical parkinsonism from Parkinson's disease
- Describe the treatment approaches for Parkinsonism, dystonia, tremor, spasticity and other movement disorders.
- Provide an overview of the selection process of candidates for deep brain stimulation and ablation in movement disorders – especially Parkinson's disease, dystonia
- Outline the efficacy and associated risks for DBS, including understanding the different brain targets used for DBS and their effects on specific symptoms

## RECOMMENDED AUDIENCE

This course is intended for movement disorder specialists, general neurologists, pediatric neurologists, neurosurgeons, physiatrists and physical therapists

## NATIONAL FACULTY

Arranged by Alphabetical

Dr. Ahmed El-Bokl  
Dr. Alia Hassan Mansour  
Assist. Prof. Ali Soliman Shalash  
Prof. Ashraf Al- Abyad  
Prof. Mohamed Wael Samir  
Prof. Mahmoud Haroun  
Prof. Nagwa Nassar  
Prof. Sahar Hassanein  
Prof. Taha Kamel  
Associate. Prof. Tamer Emara  
Associate. Prof. Yousra Abdel-Zaher  
Assist. Prof. Walid Abdel Ghany  
Assist. Prof. Zeiad Fayed

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EGYPT   
WHERE IT ALL BEGINS**THURSDAY**  
23<sup>RD</sup> FEBRUARY 2017

Course Opening and Welcome Talk



09:00 - 09:30

**COURSE PRESIDENS****Prof. Magd F. Zakaria**Chairman Neurology  
Department, ASU**Prof. Emad Ghanem**Chairman Neurosurgery  
Department, ASU.**COURSE DIRECTORS****Walid A. Abdel Ghany, M.D., Ph.D**

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**Prof. Abdel Wahab Ezzat**

President of Ain Shams University

**Prof. Magd Zakaria**

Chairman of Department of Neurology, Ain Shams University

**Prof. Emad Ghanem**

Chairman of Department of Neurosurgery, Ain Shams University

**Prof. Helmy El-Ghor**

Ain Shams University Specialized Hospital Manager

 **THURSDAY**  
23<sup>RD</sup> FEBRUARY 2017



**Session I | Introduction to Movement Disorders**



09:30 – 11:35

## CHAIRPERSONS

Prof. Magd F. Zakaria  
Prof. Emad Ghanem  
Prof. Joaquim Ferreira

09:30-11:35	<b>Keynote Presentation: Phenomenology of different movements disorders</b> <b>Prof. Joaquim Ferreira</b>
09:55-10:10	<b>Functional Anatomy of the basal ganglia</b> <b>Prof. Ashraf Al Abyad</b>
10:10-10:25	<b>Pathophysiology of Basal Ganglia and its Clinical Correlation</b> <b>Prof. Taha Kamel</b>
10:25-10:40	<b>Hypertonia in cerebral palsy</b> <b>Assist. Prof. Walid A. Abdel-Ghany</b>
10:40-11:05	<b>Keynote Presentation: Clinical approach to a patient presented with Parkinsonian features</b> <b>Prof. Elena Moro</b>
11:05-11:20	<b>Sleep disorders in Parkinson's disease</b> <b>Prof. Mahmoud Haroun</b>
11:20-11:35	<b>Questions and Discussion</b>

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11:35-11:45

Coffee Break



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WHERE IT ALL BEGINS**THURSDAY**  
23<sup>RD</sup> FEBRUARY 2017**Session II | Surgery for Parkinson's**

11:45 – 13:30

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Prof. Emad Ghanem  
Chairman Neurosurgery  
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**CHAIRPERSONS**

Prof. Elena Moro  
Prof. Wael Samir  
Prof. Mahmoud Haroun

11:45-12:00

Principles of stereotactic surgery in movement disorders  
**Prof. Wael Samir**

12:00-12:25

Plenary session: DBS in Parkinson's disease  
(Patient selection and preoperative management)  
**Prof. Elena Moro**

12:25-12:40

Lesion therapy for the management of Parkinson's disease  
**Assist. Prof. Zeiad Y. Fayed**

12:40-13:05

Plenary Session: DBS in Parkinson's  
**Prof. Joachim Krauss**

13:05-13:20

Programming and long term follow up for patients with DBS  
**Dr. Alia H. Mansour**

13:20-13:30

Questions and Discussion

13:30-14:15

Lunch



 **THURSDAY**  
23<sup>RD</sup> FEBRUARY 2017



**Session III | Management of Parkinson's**

 14:15 - 16:00

## CHAIRPERSONS

Prof. Nevine El-Nahas  
Prof. Joachim Krauss  
Prof. Alia H. Mansour

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14:15-14:30	Conventional MRI in the differentiation of Different Movement disorders <b>Associate. Prof. Yousra Abdel-Zaher</b>
14:30-14:55	Pharmacological treatment in Parkinson's <b>Prof. Joaquim Ferreira</b>
14:55-15:20	Plenary Session: Future targets in Parkinson's disease <b>Prof. Joachim Krauss</b>
15:20-15:45	Keynote Presentation: Rehabilitation in Parkinson's disease <b>Prof. Joaquim Ferreira</b>
15:45-16:00	Questions and Discussion

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EGYPT   
WHERE IT ALL BEGINS**FRIDAY**  
24<sup>TH</sup> FEBRUARY 2017**Session IV | Dystonia and Surgery for  
Dystonia**

09:00-10:55

**COURSE PRESIDENS**

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Chairman Neurology  
Department, ASU  
Prof. Emad Ghanem  
Chairman Neurosurgery  
Department, ASU.

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**CHAIRPERSONS**

Prof. Elena Moro  
Prof. Zeiad Fayed  
Prof. Mohamed S. EL-Tamawy

09:00-09:25	Plenary session: Dystonia: Approach to diagnosis and differential diagnosis <b>Prof. Elena Moro</b>
09:25-09:40	LesionTherapy in the management of Dystonia <b>Assist. Prof. Zeiad Y Fayed</b>
09:40-10:05	Plenary session: DBS in Dystonia and Other movement disorders: Patient selection and preoperative management. <b>Prof. Elena Moro</b>
10:05-10:30	Plenary session: DBS in Dystonia and complications of DBS surgery <b>Prof. Joachim Krauss</b>
10:30:10:45	How can TELE improve practice of movement disorders in Egypt and Africa? <b>Associate. Prof. Tamer Emara</b>
10:45-10:55	Questions and Discussion

10:55-11:05

Coffee Break





 **FRIDAY**  
24<sup>TH</sup> FEBRUARY 2017



**Session V | Pediatric Movement  
Disorders**

 11:05-11:55

## CHAIRPERSONS

Prof. Joachim Krauss  
Prof. Ashraf Al Abiad  
Prof. Ahmed Raouf

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11:05-11:20	<b>Pediatric Movement Disorders</b> <b>Prof. Sahar Hassanien</b>
11:20-11:35	<b>Multidisciplinary Approach for management of Pediatric Hypertonia, Egyptian Experience</b> <b>Assist. Prof. Walid A. Abdel Ghany</b>
11:35-11:50	<b>New Targets in Pediatric Neurorehabilitation</b> <b>Prof. Dr. Nagwa Nassar</b>
11:50-11:55	<b>Questions and Discussion</b>

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Prof. Emad Ghanem  
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Lecturer. of Neurology

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11:55-14:00

Gomaa Prayer & Lunch



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WHERE IT ALL BEGINS**FRIDAY**  
24<sup>TH</sup> FEBRUARY 2017

Session VI | Other Movement Disordersa



14:00-15:35

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Chairman Neurology

Department, ASU

Prof. Emad Ghanem

Chairman Neurosurgery

Department, ASU.

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Medical Conferences  
**IAPCO** 2017  
MEETING QUALITY**CHAIRPERSONS**

Prof. Eman Khedr

Prof. Aly Shalash

Prof. Joaquim Ferreira

14:00-14:25

Keynote Presentation: Clinical approach to a patient  
presented with tremors

Prof. Joaquim Ferreira

14:25-14:40

Neuronavigated noninvasive brain stimulation and its role in  
movement disorders

Dr. Ahmad. El-Bokl

14:40-14:55

Chorea: Causes and Management

Assist. Prof. Aly Shalash

14:55-15:20

Diagnosis

Keynote Presentation: Tics: Diagnosis and Differential

Prof. Joaquim Ferreira

15:20-15:35

Questions and Discussion



**SATURDAY**  
25<sup>TH</sup> FEBRUARY 2017



**Clinical Cases and Round Table  
Discussions**



09:00-16:00

**Venue: Ain Shams Specialized Hospital (ASUSH)**

## CHAIRPERSONS

Prof. Joaquim Ferreira  
Prof. Walid Abdel-Ghany  
Prof. Taha Kamel

**09:00-09:45** Round Table Discussion: Management in Parkinson's disease, where do we stand and future needs  
**Prof. Joaquim Ferreira**  
**Prof. Elena Moro**  
**Prof. Joachim Krauss**  
**Assist. Prof. Zeiad Fayed**  
**Moderator: Dr. Alia H. Mansour**

**09:45-10:30** Approach to diagnosis of Parkinsonism: Clinical Cases  
**Prof. Joaquim Ferreira**

**10:30-11:15** Round Table Discussion: Pre-surgical Evaluation: clinical cases  
**Prof. Elena Moro**  
**Prof. Joachim Krauss**

**11:15-11:30**

**Coffee Break**



**11:30-12:15** Round Table Discussion: Approach to diagnosis in Dystonia: Clinical cases  
**Prof. Joaquim Ferreira, Prof. Elena Moro**

**12:15-13:00** Video session: Tips for Different types of Movement Disorders  
**Course Directors**

**13:00-13:30** **Questions and discussion**

**13:30-16:00** **Botox for Movement Disorders (Hands-on workshop)**

**16:00** **Closing Remarks: End of the Course**

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