

# DBS Expert Forum

A multidisciplinary approach to the Management of Dystonia across ages

From paediatric to adult

February 22 and 23, 2019 - London, United Kingdom



## Course Directors

Prof. Keyoumars Ashkan

Dr. Jean-Pierre Lin

## Faculty

Ms. Lesley Baker, Highly specialized Speech and Language Therapist

Ms. Sinead Barkey, Physiotherapist

Ms. Angie Brown, Dystonia Society UK

Ms. Elaine German, Neuropsychologist

Dr. Hortensia Gimeno, Clinical Specialist Occupational Therapist

Prof. Alexander Hammers, PET imaging

Mr. Harutomo Hasegawa, Specialty Registrar Neurosurgery

Dr. Margaret Kaminska, Paediatric Neurologist

Ms. Maiju Kattelus, Physiotherapist

Dr. Daniel Lumsden, Paediatric Neurologist

Dr. Verity McClelland, Neurophysiologist

Ms. Sarah Perides, Clinical Nurse Specialist

Dr. Sarah Rudebeck, Clinical Psychologist

Dr. Romi Saha, Neurologist

Dr. Mike Samuel, Neurologist

Mr. Richard Selway, Neurosurgeon

Dr. Paul Shotbolt, Neuropsychiatrist

Dr. Ata Siddiqui, Neuroradiologist

Ms. Andrea West, Dystonia Society UK

## Accreditation

TBC

## Friday, February 22, 2019

Venue: King's College University

09:00 Welcome and course outline - Prof. Ashkan and Dr. Lin

### **Morning session Chair: Prof. Ashkan**

09:05 1. Illustrated operational definitions of Dystonia and Spasticity in children

2. Clinical case-based decision-making: Delegate participation in selection for levodopa, ITB, DBS or SDR?  
Dr. Lin

10:00 How does neurophysiology improve our understanding of the clinical phenotype and patient selection for DBS in childhood movement disorders - Dr. McClelland

11:00 Coffee/tea break

11:30 Structural MRI and Functional FDG-PET neuroimaging correlations in childhood movement disorders; from the group to the personalized prognosis for outcome from DBS - Dr. Siddiqui and Prof. Hammers

13:00 Lunch

**Afternoon session chair: Dr. Lin**

- 14:00 DBS target selection: Can tractography help? - Dr. Lumsden
- 14:45 Interactive neurosurgeons versus delegates, live case-based discussions of Globus pallidus DBS target selection with and without GPI parcellation - Mr. Selway, Mr. Hasegawa, Prof. Askan, Dr. Lumsden and Dr. Siddiqui
- 15:30 The clinical pathway outline, the screening clinic illustrated - Ms. Barkey and Ms. Kattelus, Dr. Kaminska, Dr. Lumsden and Dr. Lin
- 16:00 Coffee/tea break
- 16:20 The clinical pathway outline, patient-parent information session illustrated - Ms. Perides
- 16:50 The clinical pathway, oropharyngeal function before and after DBS - Ms. Baker
- 17:30 The clinical pathway, assessment scales in childhood movement disorders; what matters most to children and carers - Dr. Gimeno
- 18:30 End of program day 1
- 19:00 Group dinner

**Saturday, February 23, 2019**

Venue: King's College University

- 9:00 Welcome and course outline day 2 - Prof. Ashkan and Dr. Lin

**Morning session chair: Dr. Lin**

- 9:05 The clinical pathway outline, non-motor manifestations of movement disorders in childhood - Dr. Rudebeck
- 9:45 The clinical pathway outline, interactive illustrations of patient and parent understanding of outcomes and risks of DBS surgery - Dr. Rudebeck
- 10:30 Coffee/tea break
- 11:00 The clinical pathway outline, troubleshooting and complications of DBS in childhood - Dr. Kaminska and Ms. Perides
- 11:45 The clinical pathway outline, transition to adult services: What our graduates need! - Dr. Lin, Dr. Samuel and Ms. Perides
- 12:30 The Dystonia Society UK: Support and resources for children and young people with Dystonia - Ms. West and Ms. Brown
- 13:00 Lunch

**Afternoon session chair: Prof. Ashkan**

- 14:00 Pitfalls in diagnosing Dystonia in adults illustrated - Dr. Saha
- 14:45 Challenges in the medical & surgical management of Dystonia in adults - Dr. Samuel
- 15:30 Coffee/tea break
- 16:00 Psychological & psychiatric considerations before and after DBS for Dystonia - Ms. German and Dr. Shotbolt
- 16:45 Course Quiz - Faculty
- 17:00 Closing remarks - Prof. Ashkan and Dr. Lin
- 17:15 End of program