

Image Verified Deep Brain Stimulation Surgery

Maximizing the use of imaging in DBS surgery

November 20 and 21, 2017

London, United Kingdom



Course Director

Mr. Ludvic Zrinzo

Faculty

Prof. Patricia Limousin

Dr. Anastasia Papadaki

Preliminary agenda

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Monday, November 20, 2017

Venue: National Hospital for Neurology & Neurosurgery, Unit of Functional Neurosurgery

9:00 Welcome & introduction - Mr. Zrinzo

Welcome to the course, ECMT introduction video

9:15 Principles of MRI-guided and MRI-verified surgery - Mr. Zrinzo

10:00 MRI-verified DBS: The neurologist's perspective - Prof. Limousin

10:45 Coffee break

11:00 Optimizing MR sequences for DBS surgery - Dr. Papadaki

11:45 Safety briefing for observing the iMRI interventions the following day

11:45 Open discussion - All

12:00 Lunch

13:30 Clinicians attend multidisciplinary meeting around patient selection - Clinicians

Room 4, 2nd floor, Royal Hospital of Integrated Medicine

13:30 Radiology/MR physicists discuss optimizing imaging protocols and experience of MRI with implanted hardware in further detail - Radiologists and MR physicists

17:30 End of program day 1

19:00 Group dinner

Tuesday, November 21, 2017

Venue: National Hospital for Neurology & Neurosurgery, Unit of Functional Neurosurgery

8:00 Delegates attend surgery to observe principles & practice of MRI verified DBS surgery

17:00 In depth discussion of MRI guided targeting and image verification of lead location in 2 patients undergoing DBS surgery

17:00 End of program