

The Noble Art of Lesioning – Marseille - October 28-29, 2019 / ESSFN/WSSFN

Monday, October 28, 2019

- 08:00-08:10 Welcome/Opening Remarks – R Cosgrove
08:10-08:40 Historical Perspective – J Régis
- 08:40-09:00 Pros and Cons of Lesioning vs DBS –M. Hariz
09:00- 09:30 Stereotactic Principles – L Zrinzo
Frame application, Image acquisition/distortion/fusion/shift
- 09:30- 09:45 Intraop technique: principle of impedance monitoring- Zrinzo
09:45- 10:00 Intraop technique: principle of macrostimulation - Hariz
10:00-10:15 Intraop technique: principle of MER – Régis
- 10:15-10:45 Coffee Break
- 10:45-12:00 Lesioning Techniques & physical principles : 15mn each
- Radiofrequency-- T Taira
Gamma Knife--J Régis
Focused Ultrasound --J Elias,
LITE -- M Lefranc
Via DBS électrodes--T Taira
- 12:00-13:00 LUNCH
- 13:00-14:40 **Thalamus VIM/VOP/VOA; ZI/PSA**
- Anatomy Giorgio Spatola 20 mn
 - Stereotactic Targeting How I do it including imaging, targeting, MER, Impedance, Macrostimulation, intraoperative control)
Hariz, Taira, Cosgrove, Régis, PB (10 min each). 60mn
 - Clinical outcome
 - VOA Thermo T Taira 5mn
 - VIM RS JR 5 mn
 - VIM HIFU Elias 5 mn
 - ZI/PSA – P Blomstedt 5 mn
- 14:40-16h00 **Pallidum**
- Anatomy Harith Akram 20 mn
 - Stereotactic Targeting How I do it including imaging, targeting, MER, Impedance, Macrostimulation, intraoperative control)
Hariz, KostiuK, Cosgrove, (10 min each). 30 mn
 - Clinical outcome in Parkinson & Dystonia
Zrinzo, Cosgrove, K KostiuK (10 min each) 30 mn

16:00-16h30 Coffee break

16h30-18h00 **STN**

- Anatomy (15mn) Guridi
- Stereotactic Targeting How I do it including imaging, targeting, MER, Impedance, Macrostimulation, intraoperative control)
Guridi, Régis (10 min each).
- Clinical outcome in Parkinson
Guridi, Régis (5 min each).

18h00- 18h30 Panel Discussion

18:30-22:00 Dinner and Get-Together

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08:00-09:30 Limbic system

- Anatomy (20 mn) Spatola
- Stereotactic Targeting How I do it including imaging, targeting, MER, Impedance, Macrostimulation, intraoperative control)
R Cosgrove, R Martinez, J Woo (10 min each).
- Outcome in OCD and depression (Indications results complications)
Cosgrove, Martinez, J Woo (10 min each).

9:30-11:00 Coffee Break and Hands On Demonstration of MR targeting and egg albumine lesioning (Framelink; Surgiplan; Elekta, Radionic Cosman/Integra / inomed/ Insightec/others ?)

11:00-12:00 Pain Ablative Techniques (15mn each)

Cordotomy and Myelotomy for Pain-	P Patil
CT Guided Percutaneous Cordotomy-	I Strauss
Mesencephalotomy for Pain -	J Regis
Hypophysectomy for pain-	A Balossier

12:00-13:00 LUNCH

13:00-15:00 Live Demonstration Cases (Virtual Cases led by Faculty)

Pallidum MH
VOA TT
STN – Guridi,
ZI/PSA – P Blomstedt
Cingulotomy, Limbic Leucotomy, Capsulotomy – R Cosgrove

- 15:00-15:30 Coffee Break
- 15:30-16:30 Advance imaging
- Diffusion tractography - Harith Akram
 - Resting State MRI / VBM - Constantin Tuleasca
- 16h30-17h30 Stereotactic lesioning for Epilepsy; indications and techniques
- RF Thermocoagulation of the EZ- Parpaley Yaroslav
 - RF Anterior Nucleus of the thalamus – A Sitnikov
 - LITE & SRS results - J Régis
- 17:30-18:00 Panel Discussion
- 18:00-18:15 Concluding Remarks