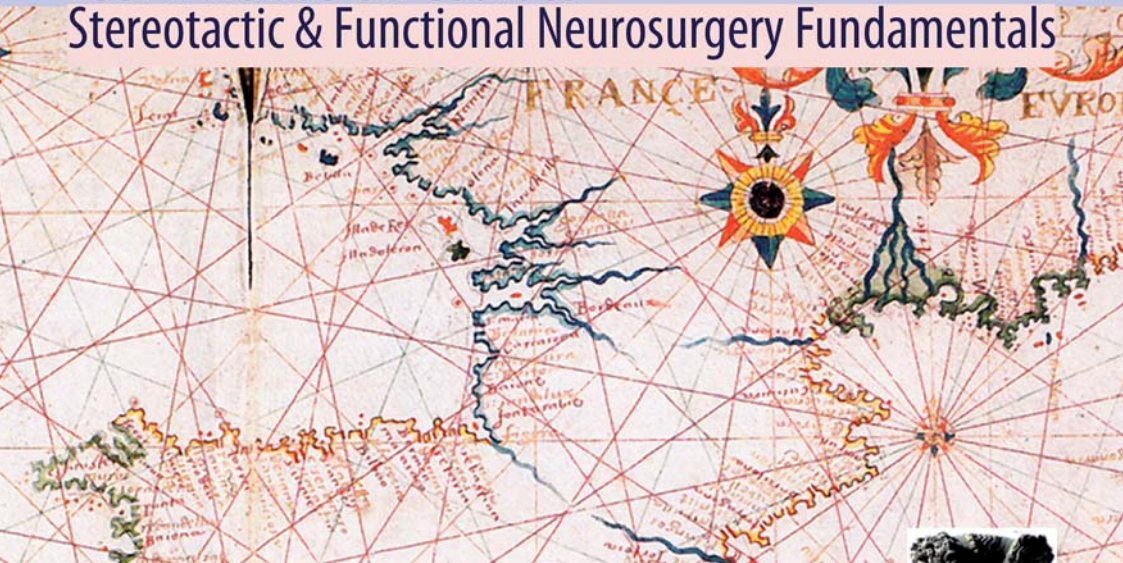


ESSFN Hands On Courses

Stereotactic & Functional Neurosurgery Fundamentals



11-13 May, 2015 Lausanne SWITZERLAND



Organized by J. Bloch, S. Chabardes, A. Franzini, A. Goncalves-Ferreira,
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**BASIC METHODOLOGICAL ASPECTS
NEUROSURGERY FOR PSYCHIATRIC DISORDERS**

ESSFN Hands On Courses

11-13 MAY 2015 : LAUSANNE

BASIC METHODOLOGICAL ASPECTS NEUROSURGERY FOR PSYCHIATRIC DISORDERS

DAY 1 11 MAY 2015 BASIC SCIENCE

08:00	introduction of the course and of the ESSFN
	GENERAL:
08:20	How to start research.
08:40	How to design a project.
09:10	How to find money
09:30	Ethics
10:00	COFFEE BREAK
10:30	Statistics : how to read most popular stats
11:30	Critical reading and discussion
12:30	LUNCH
13:30	How to write a manuscript
14:00	How to review a manuscript
	CLINICAL RESEARCH
14 :30	• Pilot study : when and how, limits • Phase 2 studies : sampling, designs (double blind, placebo etc) • Multi centric studies
15 : 30	COFFEE BREAK
16 :00	Interactive : together we write a project
18 :00	END OF FIRST DAY

DAY 2**12 MAY 2015 PSYCHOSURGERY**

- 08:00** History of Psychosurgery, lessons of the past
09:00 Ethical aspects of modern DBS for psychiatric conditions – WSSFN guidelines
- 10:00** **COFFEE BREAK**
- 10:30** The different roles of in a multidisciplinary team in DBS for psychiatry:
the psychiatrist point of view
11:30 Neuronal circuits involved in psychiatric problems
12:30 Neuroimaging in psychiatry
- 13:00** **LUNCH**
- 14:00** Neurobiology and pharmacotherapy in OCD: how to define pharmaco resistance?
15:00 OCD: Fundamentals, clinical aspects and behavioural treatments
- 15:30** **COFFEE BREAK**
- 16:00** Targets for OCD: clinical outcome
17:00 Long term results of DBS in OCD
17:30 Electrical fields: macro and micro recordings psychiatry
- 18:00** **END OF SECOND DAY**

DAY 3**13 MAY 2015 PSYCHOSURGERY**

- 08:00** Depression: Fundamentals, clinical aspects and neurobiology.
Pharmacotherapy and ECT
09:00 Targets for depression: clinical outcome.
- 10:00** **COFFEE BREAK**
- 10:30** DBS Programming in the context of psychiatric patients
11:30 Tourette syndrome: indications, targets and results
- 12:30** **LUNCH**
- 13:30** Drug addiction, obesity and anorexia nervosa: DBS challenges
14:00 Is there any place for DBS in schizophrenia and autisms?
14:30 Lesions versus DBS in psychosurgery.
- 15:00** **COFFEE BREAK**
- 16:00** **EVALUATION**
- 17:00** **END OF THE COURSE**