BASIC METHODOLOGICAL ASPECTS
NEUROSURGERY FOR PSYCHIATRIC DISORDERS
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