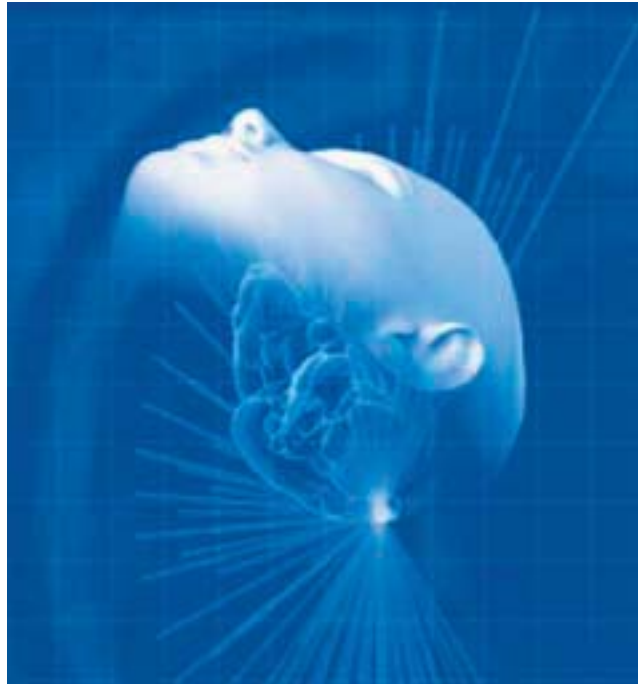


**ESSFN 3rd Hands-On-Course 2007
Radiosurgery
Marseille, France
November 12-14th, 2007.**



**Organized by
Jean Régis, Serge Blond, Marc Levivier,
Yves Lazorthes, Giovanni Broggi**

Invited Faculty :
**D. Benzil, F. Colombo, J. Dhaens, L. Fariselli, M. Gerosa, A. Kemeny, R.
Liscak, A. Muacevic, R. Wurm.**

Scientific Committee :
**Y. Lazorthes, G. Broggi, J. Krauss, B. Nuttin, D. Sakas,
J. Régis, S. Blond, M. Levivier.**

Sponsors :
Accuray, Brainlab & Elekta

European Society for Stereotactic and Functional Neurosurgery

Monday

08h00 Welcome & Introduction

Y Lazorthes & J Régis

Basics

08h30 Technical principles of radiosurgery

Denis Porcheron

09h00 Basic of Radiobiology

Laura Fariselli

09h30 Histological changes

Andras Kemeny

10h00 Coffee Break

10h30 Imaging and quality contrôle

Marc Levivier

11h00 Dose delivery and quality contrôle with Gamma Knife

Denis Porcheron

11h15 Dose delivery and quality contrôle with Linac

Reinhard Wurm

11h30 Conformity selectivity and gradient indexes in GK

Marc Levivier

11h45 Conformity selectivity and gradient indexes in Linac

Reinhard Wurm

12h00 Discussion

Attendes

12h30 Lunch at the 13th floor « Restaurant l'Arc en Ciel »

14h00 Vestibular Schwannomas

Surgical Aspects (10min)

Doseplanning and clinical results (15min)

Strategy, Combined approaches (15min)

Specificities of NFII (10min)

Fractionated treatments & Cancergenesis Issue (10min)

Discussion (30min)

Yves Lazorthes

Jean Régis

Pierre Roche

Deborah Benzil

Attendes

15h30 Coffee break

16h00 Meningiomas

Surgical Aspects (5min)

General principles (10min)

Longitudinal Sinus (10min)

Cavernous Sinus & Paraoptic (15min)

Petroclival (10min)

Discussion (10min)

Joachim Krauss

Serge Blond

Reinhard Wurm

Massimo Gerosa

Alexander Muacevic

Attendes

17h00 Brief OverView of tomorrow cases

17h30 Closure for the day.

European Society for Stereotactic and Functional Neurosurgery

President: Yves Lazorthes
Dept of Neurosurgery
C.H.U. Rangueil
31054 Toulouse, Cedex
France
Tel: ++33 5 61 322941
Fax ++33 5 61 528350
Ylazorth@www.cict.fr

Secretary: Joachim K. Krauss
Dept of Neurosurgery
Medical University of Hannover, MHH
Carl-Neuberg Str. 1
30625 Hannover
Germany
Tel: +49 511 5326652
Fax +49 511 5325864
joachim.krauss@mh-hannover.de

Treasurer: Bart Nuttin
Dept of Neurosurgery
U.Z. Gasthuisberg
Herestraat 49
3000 Leuven
Belgium
Tel: ++32 16 344 290
Fax ++32 16 344 285
treasurer.essfn@uzleuven.be

Tuesday

06h00 Frame Application, Imaging.

08h00 Breakfast

08h30 Group Hands On for Doseplanning on the three systems

09h30 Coffee break

09h45 Group Hands On for Doseplanning on the three systems

11h15 Coffee break

11h30 Group Hands On for Doseplanning on the three systems

12h30 Lunch at the 13th floor « Restaurant l'Arc en Ciel »

14h00 **Vascular**

Radiobiological aspects of AVM (10min)

Angioarchitecture and targetting (10min)

Results & predictive factors (15min)

Large AVM indications, strategies (10min)

Strategy & Combined approaches (15min)

Discussion (20min)

Andras Kemeny

Olivier Levrier

Roman Liscak

Jean D'Haens

Federico Colombo

Attendes

16h30 Coffee break

17h00 **Trigeminal Neuralgia**

Surgical Aspects (5min)

Trigeminal Neuralgia Radiosurgery (15min)

Discussion (10min)

Giovanni Broggi

Jean Régis

Attendes

17h30 **Pituitary**

Clinical aspects in secreting adenomas (10min)

Doseplanning in secreting and NS (10min)

Discussion (10min)

Thierry Brue

Marc Levivier

Attendes

18h00 Brief OverView of tomorrow cases (15 min)

20h00 Dinner

European Society for Stereotactic and Functional Neurosurgery

President: Yves Lazorthes
Dept of Neurosurgery
C.H.U. Rangueil
31054 Toulouse, Cedex
France
Tel: ++33 5 61 322941
Fax ++33 5 61 528350
Ylazorth@www.cict.fr

Secretary: Joachim K. Krauss
Dept of Neurosurgery
Medical University of Hannover, MHH
Carl-Neuberg Str. 1
30625 Hannover
Germany
Tel: +49 511 5326652
Fax +49 511 5325864
joachim.krauss@mh-hannover.de

Treasurer: Bart Nuttin
Dept of Neurosurgery
U.Z. Gasthuisberg
Herestraat 49
3000 Leuven
Belgium
Tel: ++32 16 344 290
Fax ++32 16 344 285
treasurer.essfn@uzleuven.be

Wednesday

06h00 Frame Application, Imaging.

08h00 Breakfast

08h30 Group Hands On for Doseplanning on the three systems

09h30 Coffee break

09h45 Group Hands On for Doseplanning on the three systems

11h15 Coffee break

11h30 Group Hands On for Doseplanning on the three systems

12h30 Lunch at the 13th floor « Restaurant l'Arc en Ciel »

14h00 Brain Metastases

Results & predictive factors (20min)
Role of WBRT (20min)
Strategy & patient selection. (20min)
Discussion (15min)

Andras Kemeny
Alexander Muacevic
Serge Blond
Attendes

15h15 Malignancy

Gliomas (10min)
Other CNS tumors (10min)
Ocular Tumors (10min)
Discussion (15min)

Laura Fariselli
Deborah Benzil
Roman Liscak
Attendes

16h00 Coffee break

16h30 Spine

Imaging aspects of spine radiosurgery (15 min)
Tolerance issue in spine radiosurgery (15min)
Clinical Results of spine radiosurgery (15min)
Discussion (15min)

Deborah Benzil
Laura Fariselli
Alexander Muacevic
Attendes

17h30 Conclusion : Where we were, are and may be in the futur.
Closure by the President of the ESSFN.

Jean Régis
Yves Lazorthes

18h00 Closure

3rd ESSFN HANDS-ON COURSE: RADIOSURGERY

Date: November 12-14, 2007
Location: Hôpital de La Timone, Department of Neurosurgery
264, rue Saint-Pierre - 13385 Marseille - FRANCE

SCIENTIFIC PROGRAM

Theoretical Courses

Principles, definitions and treatment modalities
Radiological and fundamental data
Dedicated systems: Leksell Gamma Knife, Novalis and Cyberknife
Cranial applications (AVM, tumors and functional)
Spinal applications

Hands-On

Three parallel workshops on dedicated planning stations
Instruction in algorithms for treatment planning

Intraoperative demonstration (in operative room and Gamma Unit Center)

ORGANIZATION

Organizing Committee: J. Régis, S. Blond, M. Levivier, Y. Lazorthes, G. Broggi
Invited Faculty: L. Farinelli, D. Benzil, F. Colombo, J. Dhaens, M. Gerosa,
A. Kemeny, R. Liscak, A. Muacevic, R. Wurm
Scientific Committee: Y. Lazorthes, G. Broggi, J. K. Krauss, B. Nuttin, D. Sakas,
and J. Régis, S. Blond, M. Levivier

REGISTRATION

Limited to 24 participants. The candidates should be young neurosurgeons who plan to engage themselves in radiosurgery. The applicants must be ESSFN members or apply for membership. They should send a letter of intent, a CV and a recommendation letter by the head of the department or by another ESSFN member.

Applications must be sent before June 15, 2007 to:

Jean REGIS
or
Radiosurgery Department
Hôpital La Timone
13385 Marseille - France

Yves LAZORTHES
Neurosurgery Department
Hôpital Rangueil-Larrey
TSA 50032
31059 Toulouse Cx 9 - France

Expenses : Inscription fees (including lunches) will be minimal (100 €)
A limited number of travelling and housing grants will be available.
Sponsors : Accuray Brain Lab Elekta

European Society for Stereotactic and Functional Neurosurgery

President: Yves Lazorthes
Dept of Neurosurgery
C.H.U. Rangueil
31054 Toulouse, Cedex
France
Tel: ++33 5 61 322941
Fax ++33 5 61 528350
Ylazorth@www.cict.fr

Secretary: Joachim K. Krauss
Dept of Neurosurgery
Medical University of Hannover, MHH
Carl-Neuberg Str. 1
30625 Hannover
Germany
Tel: +49 511 5326652
Fax +49 511 5325864
joachim.krauss@mh-hannover.de

Treasurer: Bart Nuttin
Dept of Neurosurgery
U.Z. Gasthuisberg
Herestraat 49
3000 Leuven
Belgium
Tel: ++32 16 344 290
Fax ++32 16 344 285
treasurer.essfn@uzleuven.be