

'6th Annual Prof. Dr. Feyyaz Berkay Neurosurgery Days'

October 16-17, 2008

**Department of Neurosurgery,
Cerrahpasa Medical Faculty,
Istanbul University**



'Tumors of Limbic and Paralimbic Areas and the Eloquent Cortex: Management, Surgical Pitfalls, Microsurgical Anatomy and its Clinical Application'

Invited Speakers:

Prof. Dr. Frederick F. Lang
Director, Clinical Research,
Department of Neurosurgery,
The University of Texas,
MD Anderson Cancer Center,
Houston, TX, USA

Prof. Dr. Hugues Duffau,
Department of Neurosurgery,
Centre Hospitalier Universitaire de Montpellier,
CHRU DE MONTPELLIER,
Hôpital Gui De Chauliac,
Montpellier, France

Speakers:

Mehmet Y. Kaynar, M.D.

Professor and Chairman, Department of Neurosurgery,
Cerrahpasa Medical Faculty,
Istanbul University, Istanbul, Turkey

Emin Özyurt, M.D.

Professor, Department of Neurosurgery,
Cerrahpasa Medical Faculty,
Istanbul University, Istanbul, Turkey

Çiğdem Özkara, M.D.

Professor, Department of Neurology,
Cerrahpasa Medical Faculty,
Istanbul University, Istanbul, Turkey

Mustafa Uzan, M.D.

Professor, Department of Neurosurgery,
Cerrahpasa Medical Faculty,
Istanbul University, Istanbul, Turkey

Necmettin Tanrıöver, M.D.

Attending Neurosurgeon, Department of Neurosurgery,
Cerrahpasa Medical Faculty

SYMPOSIUM OVERVIEW AND OBJECTIVES

This symposium is intended for neurosurgeons who are interested in the most recent developments in intrinsic brain tumors. At the conclusion of the symposium, the participants will have an improved understanding of;

- an overview of the microsurgical anatomy of the sylvian fissure, insula and mesial temporal lobe,
- the surgical and functional anatomy of the fiber tracts within the brain in relation to DTI,
- management of epilepsy with intrinsic brain tumors,
- surgical decision making process in the management of patients with limbic and paralimbic tumors and tumors of the eloquent areas,
- stepwise description and demonstration of the latest surgical techniques in performing surgery on insula and limbic-paralimbic regions,
- the value of cortical mapping during surgery of the tumors of eloquent cortex, the recent data with regard to clinical trails in the management of infiltrating low grade and malignant gliomas

**Istanbul University, Department of Neurosurgery
Cerrahpasa Medical Faculty
PRELIMINARY SCIENTIFIC PROGRAM
October 16, 2008**

08:00 – 08:15: Opening remarks

*Mehmet Y. Kaynar, M.D.
Emin Özyurt, M.D.*

08:15 – 09:00: Microsurgical anatomy of the Insula and Sylvian Fissure as applied to Approaches to Mesial Temporal Lobe and Perimesencephalic Cisterns

Necmettin Tanrıöver, M.D.

09:00 – 09:45: Surgery of the Intrinsic Insular Tumors

Frederick F. Lang, M.D., FACS

10:00 – 10:30: *Coffee Break*

10:30 – 11:15: Avoiding Complications during Insular Tumor Surgery: 20 years of experience in Limbic - Paralimbic Tumors

Emin Özyurt, M.D.

11:30 – 12:15: Intrinsic Tumors of the Brain and Epilepsy

Çiğdem Özkara, M.D.

12:30 – 13:30: *Lunch*

13:30 – 14:15: Surgical Anatomy of the Fiber Tracts within the Brain and their Correlation with DTI – a Neurosurgical Perspective

Necmettin Tanrıöver, M.D.

14:15 – 15:00: Current Management of Malignant Gliomas – an overview of promising clinical trials in MD Anderson Cancer Center.

Frederick F. Lang, M.D., FACS

15:15 – 15:30: *Coffee Break*

15:30 – 16:15: Value of Cortical Mapping during Eloquent Cortex Surgery – Cerrahpasa Experience

Mustafa Uzan, M.D.

16:15 – 17:00: Videos Session –

Surgical Resection of Insular Tumors,

*Frederick F. Lang, M.D., FACS
Emin Özyurt, M.D.*

End of the First Day

October 17, 2008

08:00 – 08:45: Cortical mapping and motor/language tract monitoring during surgery of the Insular Tumors. The insular lobe in relation to the brain plasticity.

Hugues Duffau, M.D., Ph.D.

09:00 – 09:45: Surgery of the supplementary motor area tumors: correlation of the extent of surgical resection with the clinical patterns of deficit.

Hugues Duffau, M.D., Ph.D.

10:00 – 10:30: *Coffee Break*

10:30 – 11:15: Recent advances in the management of Infiltrating Low-grade Gliomas: molecular characteristics, prognostic factors, and treatment options.

Frederick F. Lang, M.D., FACS

11:30 – 12:15: New concepts in surgery of WHO grade II gliomas: functional brain mapping, connectivity and plasticity.

Hugues Duffau, M.D., Ph.D.

12:30 – 13:00: Discussion and Closing Remarks.

Mehmet Y. Kaynar, M.D.

Emin Özyurt, M.D.

19:30 – 23:00 *Gala Dinner*

