

FACULTY

COURSE DIRECTOR

PIETRO MORTINI Professor and Chairman
Department of Neurosurgery and Radiosurgery,
Vita-Salute San Raffaele University, Milano - Italy

INTERNATIONAL FACULTY

MARIO AMMIRATI Professor of Neurosurgery and Radiation Oncology
Department of Neurosurgery, Ohio State University,
Columbus, OH - USA

DAMIEN BRESSON Neurosurgery Service
Hôpital Lariboisière, Paris - France

MICHAEL BUCHFELDER Professor and Chairman, Neurological Clinic
Universitätsklinikum, Erlangen - Germany

ANTHONY J. CAPUTY Professor and Chairman, Department of Neurological Surgery
The George Washington University Medical Service,
Washington, DC - USA

ROBERTO DELFINI Professor and Chairman
Department of Neurosurgery, La Sapienza University,
Roma - Italy

MICHAEL REINERT Chairman
Department of Neurosurgery, EOC,
Lugano - Switzerland

LOCAL FACULTY

FRANCESCO BANDELLO *(Neuro-ophthalmology)*

L. RAFFAELLA BARZAGHI *(Neurosurgery)*

LUIGI BERETTA *(Neuroanesthesia)*

FEDERICO BIGLIOLI *(Maxillo-facial surgery)*

NICOLA BOARI *(Neurosurgery)*

MARIO BUSSI *(ENT)*

STEFANO CAPPÀ *(Neuropsychology)*

GIANCARLO COMI *(Neurophysiology)*

NADIA DI MUZIO *(Radiotherapy)*

CLAUDIO DOGLIONI *(Neuropathology)*

ANDREA FALINI *(Neuroradiology)*

ALBERTO FRANZIN *(Neurosurgery)*

FILIPPO GAGLIARDI *(Neurosurgery)*

MARCO LOSA *(Neuroendocrinology)*

MICHELE RENI *(Neuro-oncology)*

PIERO PICOZZI *(Neurosurgery)*

MARIAROSA TERRENI *(Neuropathology)*

ACKNOWLEDGMENTS



OSPEDALE SAN RAFFAELE
ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

International Course: State of the Art in Surgery of Midline Tumors

Milano, Italy
November 7th-9th, 2013

San Raffaele Hospital, Vita-Salute San Raffaele University
Department of Neurosurgery and Gamma Knife Radiosurgery

Chairman: Prof. PIETRO MORTINI

SCIENTIFIC PROGRAM

Thursday, November 7th, 2013

08:30 Registration
09:00 Welcome and Introduction *(M. Clementi / P. Mortini)*

Skull Base Tumors

09:10 Surgical anatomy of midline skull base *(M. Ammirati)*
09:40 Radiological anatomy of midline skull base *(A. Falini)*
10:10 Pathology of midline skull base tumors *(C. Doglioni / M. Terreni)*
10:30 Reconstruction techniques in skull base surgery *(F. Biglioli)*
10:50 Tumors of the cranio-cervical junction *(R. Delfini)*

11:10 COFFEE BREAK

11:30 Malignancy of the anterior skull base *(M. Bussi)*
11:50 Olfactory groove meningiomas *(A.J. Caputy)*
12:10 Neuro-ophthalmological assessment *(F. Bandello)*
12:30 Tuberculum sellae meningiomas *(P. Mortini)*
12:50 Non-adenomatous sellar lesions *(M. Buchfelder)*

13:15 LUNCH

14:00 Clival and petroclival meningiomas *(P. Mortini)*
14:20 Skull base chordomas *(N. Boari)*
14:40 Non-chordomatous clival lesions *(F. Gagliardi)*
15:00 Antero-lateral approach to the craniospinal junction *(D. Bresson)*
15:20 Minimalistic approaches to cranio-vertebral junction extra-axial tumors *(M. Ammirati)*

15:45 COFFEE BREAK

16:10 Neuro-anesthesia and intensive care *(L. Beretta)*
16:30 Role of radiosurgery *(A. Franzin)*
16:50 Role of fractionated radiation therapies *(N. Di Muzio)*

Friday, November 8th, 2013

Intra- and Extra-Axial Tumors of Midline Intradural Space

09:00 Surgical anatomy *(M. Ammirati)*
09:30 Radiological anatomy and functional imaging *(A. Falini)*
10:00 Pathology and differential diagnosis *(C. Doglioni / M. Terreni)*

10:30 COFFEE BREAK

11:00 Neuro-endocrinological assessment *(M. Losa)*
11:20 Neuro-physiological monitoring *(G. Comi)*
11:40 Overview of midline intra-axial tumors *(M. Buchfelder)*
12:00 Role of chemotherapy *(M. Reni)*
12:30 Parasagittal and falx meningiomas *(L.R. Barzaghi)*
12:50 Brainstem and midline cavernomas *(P. Mortini)*

13:15 LUNCH

14:00 Third ventricle and surrounding areas lesions *(P. Mortini)*
14:30 Neuroendoscopy in intraventricular tumors *(A.J. Caputy)*
14:50 Image-guided surgery in midline lesions *(M. Reinert)*
15:10 Tumors of the fourth ventricle and of the bulbo-cervical junction *(P. Mortini)*
15:30 Surgical approaches to the third and fourth ventricles *(M. Ammirati)*

16:00 COFFEE BREAK

16:30 Role of stereotaxis and radiosurgery *(P. Picozzi)*
16:50 Role of fractionated radiation therapies *(N. Di Muzio)*
17:10 Neuro-psychological assessment *(S. Cappa)*

Saturday, November 9th, 2013

HOW I DO IT SESSION Techniques, Clinical Cases, Videos

08:30 Midline skull base tumors
■ Tuberculum sellae meningiomas
■ Clival chordomas
■ Clival and petroclival meningiomas
■ CCJ meningiomas

10:30 COFFEE BREAK

11:00 Intra- and extra-axial tumors of midline intradural space
■ Giant pituitary adenomas
■ Craniopharyngiomas
■ Brainstem cavernomas
■ Bulbo-medullary tumors