### **General and Scientific Information**

#### **CHAIRMAN**

Massimo Gerosa M.D.

Chair of Neurosurgery

Department of Neurosciences, University of Verona

#### **SCIENTIFIC SECRETARIAT**

Andrea Talacchi M.D.

Section of Neurosurgery - Department of Neurosciences,

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#### **ORGANIZING SECRETARIAT**

Cogest M. & C. Srl

Vicolo San Silvestro 6, 37122 Verona (Italy)

Tel. +39 (0) 45 597940 / Fax +39 (0) 45 597265 / e.mail: cogest@tin.it

#### **MEETING VENUE**

**AULA "G. DE SANDRE"** 

POLICLINICO "G. ROSSI" (Borgo Roma Hospital)

Piazzale A. Scuro 10 - 37134 VERONA

#### **SOCIAL DINNER** - Friday, 28 January 2011

Ristorante MAFFEI, Piazza Erbe, 38 - 37121 Verona

Dress code: smart casual.

#### CME (Continuous Medical Education, only for Italian Participants)

The Regione Veneto has assigned n° 6 ECM credits for a maximum of 200 participants (**medical doctor, psychologist and speech therapist**). *Specialties:* neurosurgeon, neurologist, neuropsychologist, oncologist, speech therapist and radiotherapist.

#### **OFFICIAL LANGUAGE**

English, without simultaneous translation.

#### **CHANGES**

Scientific and Organizing Secretariats will make any change to the program they would consider necessary.

#### LOCAL SCIENTIFIC COMMITTEE

Antonio Fiaschi - Neurologist

Bruno Bonetti - Neurologist

Leonardo Chelazzi - Physiologist

Luisa Nadalini - Psychologist

Rita Capasso - Neuropsychologist

Barbara Santini - Neuropsychologist

Silvia Savazzi - Neuropsychologist

Annamaria Molino - Oncologist

**Teodoro Sava** - Oncologist

Sergio Maluta - Radiotherapist

**Stefano Dall'Oglio** - Radiotherapist

**Stefano Pioli** - Radiotherapist

#### **FACULTY and CHAIRPERSONS**

**Lauren E. Abrey** - Neurologist (New York, USA)

Alba Brandes - Oncologist (Bologna, Italy)

Giovanni Carlesimo - Neurologist (Roma, Italy)

Gian Luigi Cetto - Oncologist (Verona, Italy)

**Domenico D'Avella** - Neurosurgeon (Padova, Italy)

Hugues Duffau - Neurosurgeon (Montpellier, France)

**Fabio Efficace** - *MSc*, *PhD* (Roma, Italy)

Anna Rita Giovagnoli - Neurologist (Milano, Italy)

Guido Gainotti - Neurologist (Roma, Italy)

Martin Klein - Neuropsychologist (Amsterdam, The Netherlands)

Jan Heimans - Neurologist (Amsterdam, The Netherlands)

Christoph Helmstaedter - Neuropsychologist (Bonn, Germany)

Elisabetta Làdavas - Neuropsychologist (Bologna, Italy)

Carlo Alberto Marzi - Physiologist (Verona, Italy)

Christina Anne Meyers - Neuropsychologist (Houston, USA)

Gabriele Miceli - Neurologist (Trento, Italy)

Costanza Papagno - Neuropsychologist (Milano, Italy)

Mirella Ruggeri - Psychiatrist (Verona, Italy)

Raffaella Rumiati - Neuropsychologist (Trieste, Italy)

**Silvia Scoccianti** - *Radiotherapist* (Firenze, Italy)

**Martin J.B. Taphoorn** - *Neurologist* (Amsterdam, The Netherlands)

Giuseppe Vallar - Neuropsychologist (Milano, Italy)

**Lindsay Wilson** - *Psychologist* (Stirling, Scotland)

#### **UNDER THE AUSPICES:**

\*required

Società Italiana Neurochirurgia (SINCh)

Società Italiana di Neurologia (SIN)

Società Italiana di Neuropsicologia (SINP)

Associazione Italiana Neuro-Oncologia (AINO)

Scienze Neurologiche Ospedaliere (SNO)

Associazione Italiana Oncologi Medici (AIOM)

Associazione Italiana Radioterapia Oncologica (AIRO)

Società Italiana di Neuroscienze (SINS)

Società Italiana di Riabilitazione Neurologica (SIRN)

Federazione Italiana Logopedisti (FLI)

European Association of Neurosurgical Societies (EANS)\*

European Federation of Neurological Societies (EFNS)\*

European Association of Neurooncology (EANO)

European Organisation for Research and Treatment of Cancer (EORTC)

International Radiosurgery Association (IRSA)\*

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#### SPONSORSHIP

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Azienda Ospedaliera Universitaria Integrata Verona





3<sup>rd</sup> Verona Neurosurgical Symposia

# Measuring Clinical Outcomes in Neuro-Oncology: Tools and Parameters

To what extent can neuropsychology become part and parcel of clinical practice?

Verona, Italy 28-29 January 2011

**FINAL PROGRAM** 

We are delighted to announce the next in the series of Verona Neurosurgical Symposia:

## Measuring clinical outcomes in neuro-oncology: tools and parameters

## To what extent can neuropsychology become part and parcel of clinical practice?

which follows Intraoperative Neurophysiological Monitoring in Neurosurgery. Intracranial part I: surgery of sensorimotor areas and the posterior fossa (2006) and Intracranial part II: awake surgery and cognitive mapping (2008). The theme is the same: monitoring brain functions in order to preserve them throughout the course of treatment in tumour patients.

Many assessment systems have to do with the pathology and determine the efficacy of particular treatments, while others are geared to the patient and indicate the disease state and the impact that the treatments implemented have on his or her quality of life. As regards most of the neurological diseases in general, and neuro-oncology in particular, there is little consensus of opinion as to which instruments should be used and which criteria should be selected in order to define clinical outcomes, inasmuch as the various specialists elaborate different types of data both for the disease and for the treatment and communicating poorly with one another.

There are numerous care outcome measures available. These include mortality rates, complications (of disease or of medical care), biomedical measures (e.g., results of laboratory tests and vital signs), disease-specific symptoms (severity, duration, and frequency, both physical and psychological/cognitive/emotional), quality of life (e.g., pain/discomfort, treatment side effects, mood, energy level, family and social interaction, sexual function, ability to work, and ability to keep up with routine daily activities, functional status/independence), length of stay (duration of treatment), cost of care, patient satisfaction with care rendered, and access to care.

Outcome quality improvement programs involve similar steps: collaborative teams, setting time-specific and measurable aims and quantitative measures. At the same time, no matter what quality measures are used, a number of complex methodological issues need to be resolved.

For these reasons, the discussion about clinical outcome measures will focus upon the wider context of central nervous system diseases, and specifically on cognitive issues.

In this symposium the following topics will be addressed:

- α. Clinical tools for outcome assessment in neuro-oncology
- β. Neuropsychological baseline cognitive assessment
- x. Current clinical outcome measures after treatment
- δ. State of the art in other neurological diseases

The meeting will provide lectures, round-tables, and free papers, in the fascinating environment of Verona, with its warm, historical atmosphere.

We look forward to welcoming you to Verona.

Andrea Talacchi

#### FRIDAY, 28 JANUARY 2011

- 12.00 Participants Registration and Welcome coffee
- 12.30 **Opening Remarks**
- 13.15 **INTRODUCTION** A. TALACCHI
- 13.30 MAGISTRAL LECTURE

The challenge to fight tumor preserving brain functions H. DUFFAU

#### **SESSION 1**

#### **CLINICAL TOOLS FOR OUTCOME ASSESSMENT**

Chairpersons: A. FIASCHI, A. MOLINO

- A) CLINICAL ASSESSMENT: NEUROLOGICAL VS. NEUROPSYCHOLOGICAL VS. SELF-ASSESSMENT
- 14.15 **Quality of life in brain tumor patient** M.J.B. TAPHOORN
- 14.45 Neurocognitive functioning in brain tumor patients M. KLEIN
- 15.15 Factors affecting brain functioning I. HEIMANS
- 15.45 Quality of life assessment in oncology: challenges and methodological issues

  E. FFFICACE
- 16.15 Discussion
- 16.30 Coffee Break

Chairperson: G.L. CETTO

## B) TRIALS AND INTERNATIONAL CRITERIA FOR OUTCOME ASSESSMENT

- 16.45 The oncologist Current and optimal clinical end-points in the biomolecular era
  A. BRANDES
- 17.15 The neuropsychologist Current and optimal clinical end-points in the MR era

  C.A. MFYERS
- 17.45 **Discussion**

#### **18.00 FREE COMMUNICATIONS**

Neuropsychological outcome of awake surgery for low-grade glioma in the left frontal lobe: a pilot study

S. GRIFFITHS, L. CIPOLOTTI, J. REES, A. McEVOY (UK)

Psychosocial distress in patients with intracranial tumours: validation and application of the NCCN distress thermometer S. GOEBEL, L. KAUP, H. M. MEHDORN (Germany)

- 18.15 Adjourn
- 20.00 SOCIAL DINNER

#### SATURDAY, 29 JANUARY 2011

## SESSION 2 BASELINE CLINICAL ASSESSMENT

Chairpersons: G. VALLAR, L. CHELAZZI

## NEUROPSYCHOLOGICAL FOCAL INVESTIGATIONS AND BATTERIES

- 08.30 Attention
  - C.A. MARZI
- 08.50 **Language** G. MICELI
- 09.10 **Memory**
- G. CARLESIMO
  09.30 Executive functions
- E. LÀDAVAS 09.50 **Agnosia**
- G. GAINOTTI 10.10 **Apraxia**
- R. RUMIATI
- 10.45 Coffee Break
- 11.00 Predictors of adaptation to illness and quality of life in patients with neuropsychological deficits

  M. RUGGERI
- 11.30 Batteries: how are they to be selected? Functions, tests and setting
- 12.00 Batteries: how are they to be selected? Functions, tests and setting
  A.R. GIOVAGNOLI
- 12.30 **Discussion**

#### 12.45 FREE COMMUNICATIONS

JAAM©: Using Virtual Reality to assess executive functions - a novel method for assessing frontal lobe functions

A. JANSARI (UK)

Pre- and post-operative assessment of visuo-spatial functions in right hemisphere tumour patients

- B. EMANUELÉ, B. SANTINI, A. TALACCHI, M. GEROSA, S. TURAZZI, S. SAVAZZI (*Italy*)
- 13.00 *Lunch*

#### 13.45 FREE COMMUNICATIONS

Preoperative anxiety and cognitive functioning in patients with intracranial tumours: how valid is the neuropsychological baseline-assessment?

S. GOEBEL, L. KAUP AND H. M. MEHDORN (Germany)

Do the frontal and the parietal lobes have a similar contribution to the working memory? Evidence from presurgical patients with intra-axial brain tumor

G. SELA, F. ANDELMAN, T. GONEN, U. BEN-NACHUM, A. KANNER, Z. RAM (*Israel*)

#### SESSION 3 STANDARD OF ART

Chairpersons: B. BONETTI, S. MALUTA

- A) EXPERIENCE FROM NEIGHBOURING FIELDS: TRAUMA, EPILEPSY
- 14.00 Lessons from outcome assessment in head trauma: challenges & solutions
  L. WILSON
- 14.30 Outcome control in surgery of temporal lobe epilepsy C. HELMSTAEDTER
- 15.00 **Discussion**

#### B) OUTCOMES BY NEURO-ONCOLOGICAL TREATMENT

- 15.15 **Chemotherapy** L.E. ABREY
- 15.45 **Radiotherapy** S. SCOCCIANTI
- 16.15 **Neurosurgery** D. D'AVELLA
- 16.45 **Discussion**

#### 17.00 FREE COMMUNICATIONS

Follow-up of neurocognitive profile in children with brain tumor

E. RUSSO, E. PETACCHI, S. BORTOLOT, A. MARTINUZZI (Italy)

Quality of life in patients after surgical resection of gliomas in eloquent brain areas

V. ROZUMENKO, A. KHOROSHUN, A. ROZUMENKO (Ukraine)

The evaluation of quality of life and psychological distress in patients with cerebral glioma: a preliminary study at 1 year follow-up

S.TABARRONI, A. PISANELLO, R. GHADIRPOUR, C. IACCARINO, C. RAFANELLI, J. GUIDI, M. CARDARELLI, M. RINALDI, N. MARCELLO, F. SERVADEI (*Italy*)

**Postoperative cognitive outcome in patients with brain tumors** B. SANTINI, A. TALACCHI, S. SAVAZZI, M. GEROSA (*Italy*)

Phase II trial of induction standard dose of Temozolomide followed by Temozolomide and concurrent radiosurgical treatment is effective treatment in single brain metastasis from solid tumors: an update

V. SCIACCA, R. ROSSI, Ř. PACE, M. SANTARELLI, A.M. RAUCO, G. DE SANTIS, V. CAPPARELLA, P. DOMINI, A. LUGINI (*Italy*)

17.35 Closing Remarks

## 3<sup>rd</sup> Verona Neurosurgical Symposia

**Measuring Clinical Outcomes in Neuro-Oncology: Tools and Parameters -**To what extent can neuropsychology become part and parcel of clinical practice? Verona, Italy, 28-29 January 2011 - Policlinico "G. Rossi"

#### HOTEL ACCOMMODATION FORM AND PRIVACY

Send back the form duly filled in to the Organizing Secretariat: COGEST M. & C., Vicolo S. Silvestro, 6 - 37122 Verona (Italy) - Fax +39 045 597265 - E-mail: cogest@tin.it

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3<sup>rd</sup> Verona Neurosurgical Symposia

Measuring Clinical Outcomes in Neuro-Oncology: Tools and Parameters - To what extent can neuropsychology become part and parcel of clinical practice?

Verona, Italy, 28-29 January 2011 - Policlinico "G. Rossi"

## **REGISTRATION FORM** (PLEASE, FILL IN IN CAPITAL LETTERS)

	Until 31/12/2010	From 1/1/2011
Medical Doctors*	□ € 230,00 + VAT = € 276,00	□ € 300,00 + VAT = € 360,00
Others and Residents Doctors**	□ € 180,00 + VAT = € 216,00	□ € 250,00 + VAT = € 300,00
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