Topics:
Low-grade glioma
High-grade glioma
Brain glioma and epilepsy
Antiangiogenic therapy
Intraoperative imaging of intra-axial tumors
Spinal metastases
Stabilization of the neoplastic spine.

General Information:
Naples, July 3rd - 4th, 2014

Congress Venue:
Villa Doria D’Angri
Via Petrarca, 80

Meeting Organizer:
Francesco Maiuri

Provider:
Collage S.p.A.

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NEURO-ONCOLOGY MEETING
2014

Naples, July 3-4 2014

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Gruppo Neuro-Oncologico
Università Federico II, Napoli
Program

July, Thursday 3

Session I: LOW-GRADE GLIOMAS
Radical surgery: the impact of the intraoperative monitoring
Surgery of deep low-grade gliomas
The fate and management of postoperative tumor remnants
The clinical value of molecular biology
Radiotherapy: early versus at tumor progression
Preoperative chemotherapy
Postoperative chemotherapy: timing and drugs
Management of low-grade gliomas with CSF spread

SYMPOSIUM

BRAIN GLIOMA AND EPILEPSY
Growth of glioma and epileptogenesis
The influence of the antineoplastic treatments on epilepsy
Controversies in the management of tumor epilepsy

Session II: HIGH-GRADE GLIOMAS
The impact of the radical surgery on the survival
Reoperation for recurrence: selected versus extended indications
The role of reirradiation: is it a place for radiosurgery?
Second-line chemotherapy
Molecular markers in therapeutic decision

SYMPOSIUM

THE ANTIANGIOGENIC THERAPY: PRESENT AND FUTURE
The biological bases of the antiangiogenic therapies
The clinical class II and III studies and future perspectives
COMMUNICATIONS

July, Friday 4

Session III: THE IMPACT OF INTRAOPERATIVE IMAGING AND TOOLS ON SURGERY OF INTRA-AXIAL BRAIN TUMORS

Modern neuronavigation systems
The neurosurgical simulator - Immersive Touch
Intraoperative computerized tomography
Intraoperative magnetic resonance
The endoscopy
Intraoperative high-frequency ultrasound-guided surgery
The role of the videoangiography
The impact of the fluorescence
The transcranial magnetic stimulation
The use of biomatherials in neuro-oncology

COMMUNICATIONS

Session IV: CONTROVERSIES IN THE MANAGEMENT OF SPINAL METASTASES

Limited versus extended indication to surgery
Palliative versus radical surgical techniques
External radiotherapy versus radiosurgery

ROUND TABLE

THE STABILIZATION OF THE NEOPLASTIC SPINE
The surgical stabilization
Percutaneous vertebroplasty versus kyphoplasty
Comments on the management decision

COMMUNICATIONS