



INTRACRANIAL GLIOMA WORKSHOP: FROM A TO Z

WWW.GLIOMA.GR

24 25
26 27
MAY 2023
VENUE
ROYAL OLYMPIC HOTEL
ATHENS, GREECE

SCIENTIFIC PROGRAM

Wednesday, 24 May 2023

08:00 – 09:00 Registration

09:00 - 09:30 Welcome - Greetings

Session I Epidemiological and Histopathological Characteristics of Gliomas

09:30 - 10:10 Incidence and epidemiological data in children
10:10 - 10:50 The molecular profile of gliomas & genetic pathways
10:50 - 11:10 Histopathological considerations and classification
11:10 - 11:40 The role of methylation profiling in glioma classification
11:40 - 12:00 Discussion

12:00 - 12:30 **Coffee Break**

Session II Basic Diagnostic Approach of Patients with Gliomas

12:30 - 12:40 Conventional MRI in the initial diagnosis
12:40 - 12:45 MR Diffusion/DTI
12:45 - 13:10 MR Perfusion
13:10 - 13:35 MR Spectroscopy
13:35 - 13:45 Discussion

13:45 – 14:55 **Luncheon Seminar – LITT in glioma management**

Session III Advanced Diagnostic Approach of Patients with Gliomas

15:00 - 15:30 Task-generated and resting-state fMRI
15:30 - 16:00 Radiomics / Radiogenomics
16:00 – 16:30 Current concepts on glioma therapy
16:30 – 17:00 Glioma cell derived circulation biomarkers: Developments for non-invasive diagnosis and therapy tracking
17:00 - 17:15 **Debate: Pre-operative imaging glioma grading: Myth or reality?**



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Session IV Integrated Diagnostic Approach of Patients with Gliomas

17:15 - 17:30	PET
17:30 - 17:45	PET MRI
17:45 - 18:10	SPECT
18:10 - 18:30	“Smart” clinical decision support systems
18:30 - 19:00	Debate: Smart clinical decision support systems – A replacement of the physician?

Thursday, 25 May 2023

Session V Preoperative Evaluation and Planning

08:30 - 09:00	Cortical Functional Anatomy
09:00 - 09:30	f-MRI – Identification of eloquent cortex
09:30 - 09:50	Neuropsychological evaluation
09:50 - 10:20	Multimodality preoperative imaging
10:20 - 10:40	Integration of imaging data in surgical planning
10:40 - 11:00	Extraoperative cortical mapping
11:00 - 11:20	Debate: Preoperative f-MRI of cortical mapping - Is it enough?
11:20 - 11:45	Coffee break

Session VI Surgical Management

11:45 - 12:00	Anesthesiological consideration
12:00 - 12:30	Basic principles of glioma resection
12:30 - 13:00	Advanced techniques for total resection
13:00 - 13:15	Discussion
13:15 - 14:00	Preoperative workup of puzzling cases
14:00 - 15:00	Lunch Break E-poster viewing

Session VII Surgical management

15:00 - 15:40	Awake craniotomy for glioma resection
15:40 - 16:10	Supramarginal glioma resection



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16:10 - 16:40	Advanced cortical mapping techniques
16:40 - 17:10	Fluorescent guided surgery in gliomas
17:10 - 17:30	Ultrasound guidance in glioma resection
17:30 - 17:50	Real time intraoperative imaging to optimize glioma resection
17:50 - 18:20	Strategies for complication avoidance
18:20 - 18:30	Discussion

Friday, 26 May 2023

Session VIII Pediatric Gliomas

08:30 - 09:00	New WHO classification of gliomas in children
09:00 - 09:30	Low-grade pediatric gliomas
09:30 - 10:00	Midline pediatric gliomas
10:00 - 10:30	High-grade non-midline pediatric gliomas
10:30 - 11:00	Differentiating treatment complications
11:00 - 11:20	Pediatric brain tumors and epilepsy
11:20 - 11:40	Surgical resection techniques
11:40 - 12:00	Complication avoidance
12:00 - 12:30	Panel discussion of interesting pediatric neuroimaging cases

12:30 - 13:15 Lunch Break

13:15 - 14:00 Lessons learned in glioma surgery-

14:00 - 16:00 Video Session: How I do it

17:00 - 20:00 Workshops

Workshop 1	Advanced imaging techniques (MRS, DTI, FASMA) and Integration of imaging data in navigational systems
Workshop 2	Cortical and subcortical anatomy workshop



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Saturday, 27 May 2023

Session IX

Adjuvant treatment

08:30 – 08:50	Chemotherapy
08:50 – 09:10	Immunotherapy
09:10 – 09:30	Radiation treatment
09:30 – 09:50	Stereotactic radiosurgery
09:50 – 10:05	Effect of adjuvant treatment in neurocognitive performance
10:05 – 10:30	Imaging follow-up of glioma patients
10:30 - 11:00	Global perspective of glioma surgery. Is there time for ethical dilemmas?
11:00 - 12:00	The Hospice project: Lessons learned
12:00	E-poster awarding - Closing remarks