



**SIOP-Europe Brain Tumour Group
1st European Combined Neuro-Oncology Course**

**Organized by
SIOP-E BTG Training & Education Group, YIIG &
Hungarian Organising Committee**

(Guirish Solanki, Stephen Lewis, Geert Janssen, Claudia Faria, David Walker, Miklos Garami)

Convenors: Guirish Solanki, Darren Hargrave, Miklos Garami

2nd to 4th April 2019

Hotel Hungaria City Center, Budapest, Hungary

Preliminary Programme

Monday, 1st April 2019

Time	Topic	Location	Duration
09:00-17:00	Workshop preparation	Workshop rooms	
13:00 to 18:00	Slide Reviews & Presentation	Slide Review Room	
13:00 to 15:00	Setting up Image Guidance Lab	Room A & B	
15:00 to 17:00	Course Organizing Committee Meeting	Hotel Conference Room	
19:00	Dinner	Hotel Restaurant	

Tuesday, 2nd April 2019 08:00 to 18:30

Session	Speciality	Topic	Speaker/ Tutor	Lecture	Start	Finish
Tuesday, 2nd April 2019		Registration to Course & Cofee		50	8:00	8:50
Introduction		Welcome & Introduction	Guirish Solanki & Miklos Garami	10	8:50	9:00
Introduction to Brain Tumours	Chair	Guirish Solanki & Miklos Garami				
	Oncology	Epidemiology , Clinical presentation, Classification	Miklos Garami	20	09:00	09:20
	Pathology	Modern histological and molecular diagnosis of pediatric CNS neoplasms	Hajnalka Rajnai	15	9:20	9:35
	Anatomy	Surgical Anatomy & Neurosurgical Treatment of Brain Tumours	Guirish Solanki	15	9:35	9:50
	Surgery	Surgical strategy in eloquent areas	Balázs Markia	15	9:50	10:05
	Radiotherapy	Radiation therapy in Brain Tumours	Zoltán Lőcsei	15	10:05	10:20
	Oncology	Preventing Brain Injury in Neuro-Oncology	David Walker	15	10:20	10:35
		Coffee Break		10	10:35	10:45
Breakout Session 1 Frameless Image Guidance	Workshop Neurosurgery	Introduction Use of Medtronic (optical and EM) Competency Assessment	Christian Dorfer, Kristian Aquilina, Claudia Faria Guirish Solanki, N Gogna, Nicola Surrey, local faculty	05 60 10	10:45	12:00
Breakout Session 2	Ultrasound in Neurosurgery	Introduction Intra-operative Ultrasound Guidance	Martin Schuhmann, Martina Messing-Junger, Balazs Markia, Local Faculty	05 40	12:00	12:45
		Lunch			12:45	14:00

Session		Topic	Speaker/ Tutor	Lecture	Start	Finish
Radiology of Brain Tumours		Chair: Martina Messing-Junger/ Monika Warmuth-Metz				
	Neuroradiology	Radiology of Brain Tumours: A simple reliable diagnostic algorithm	Monika Warmuth-Metz	15	14:00	14:15
	Neuroradiology	Importance of DWI, Spectroscopy & Other advanced MRI Techniques in Tumour Diagnosis	Giovanni Morana	15	14:15	14:30
	Neuroradiology	Multimodal PET/MR imaging in Paediatric gliomas	Giovanni Morana	15	14:30	14:45
	Neuroradiology	fMRI Functional MRI and DTI tractography in presurgical evaluation	Lajos Rudolf Kozák	15	14:45	15:00
		Discussion		05	15:00	15:05
		Coffee		10	15:05	15:15
Craniopharyngioma	Chair	Stephen Lowis /Christian Dorfer/Lajos Kozak				
	Oncology	Types of Craniopharyngioma & Behaviour	David Walker	15	15:15	15:30
	Surgery	Surgical Management of Craniopharyngioma	Martina Messing-Junger	15	15:30	15:45
	Radiotherapy	Radiation Therapy: when, which modality?	Claire Alapetite	15	15:45	16:00
	Intra-tumour Therapy	Intra-tumoural Interferon Therapy	Ana Stucklin	15	16:00	16:15
		Discussion		5	16:15	16:20
From Bench to Bedside	Outcome Measures	Outcome measures in Oncology	David Walker	15	16:20	16:35
	Translational Research	The basics of Research & options in translational Research	Claudia Faria	15	16:35	16:50
	Clinical Trials	Challenges in clinical trials participation	Maria João Gil-Da-Costa	15	16:50	17:05
		Discussion		5		17:10
Clinical Scenarios	Chair	David Walker / M. Garami/ M. Messing-Junger				
Case-based discussion & Solve-a-case	Panel	Interactive Panel Session with illustrative cases for each section	Panel- led	30	17:10	17:30
	Written Test			30	17:30	18:00
Closing Remarks		Conclusion, Workshop & Session Feedback	Stephen Lowis/ Guirish Solanki	10		18:10
Social Event		Meet at the Hotel, Dinner -				19:00

Session		Topic	Speaker/ Tutor	Lecture	Start	Finish
Wednesday, 3rd April 2019	Registration	Registration & Coffee			8:00	8:30
Introduction	Welcome	Introduction	Guirish Solanki	10	8:00	8:30
Brain Stem Tumours	Chair	Monika Warmuth-Metz / Christian Dorfer			65	
	Oncological Surgery	Brainstem Tumours & Lesions: Classification	Guirish Solanki	15	8:30	8:45
	Neuroradiology	Radiological Aspects of Brainstem Lesions, inc DIPG	Stavros Stivaros	15	8:45	9:00
	Neurosurgery	Surgical Approaches to the Brainstem	Kristian Aquilina	15	9:00	9:15
	Discussion			10	9:15	9:25
Pineal Region Tumours	Chair	Giovanni Morana / Thomas Czech				
	Radiology	Clinical Imaging	Monika Warmuth-Metz	15	09:25	9:40
<i>Germ cell tumour lecture PM</i>	Neurosurgery	Diagnostic Algorithm for Pineal Region Tumours	Thomas Czech	15	09:40	9:55
	Neurosurgery	The Surgical Management of Germ Cell Tumours	Christian Dorfer	15	9:55	10:10
	Discussion			5	10:00	10:15
Coffee break	Coffee break	Coffee break			15	10:30
Suprasellar, LGG & Ventricular	Chair	Stavros Stivaros / Kristian Aquilina			60	
	Radiology	Radiology of Suprasellar & Ventricular Lesions	Giovanni Morana	15	10:30	10:45
	Oncology	Ventricular lesions: Choroid Plexus Tumours	Jenny Adamski	15	10:45	11:00
	Neurosurgery	Surgical approaches & Resection Ventricular Tumours	Guirish Solanki	15	11:00	11:15
	Oncology	MAPK Pathway, BRAF oncogenes, NF1 and LGA	Stephen Lewis	15	11:15	11:30
	Oncology	Management Algorithm for Optic Pathway Tumours	David Walker	15	11:30	11:45
	Neurosurgery	Surgical approaches for OPG & Hypothalamic lesions	Kristian Aquilina	15	11:45	12:00
	Discussion			10	12:00	12:10
Immunotherapy, Anti-Angiogenesis	Chair	John Anderson/ Irene Slavic				
	Immunotherapy	The basis of Immunotherapy, Dendritic Cell Therapy	John Anderson	15	12:10	12:25
	Anti-Angiogenesis	Antiangiogenic metronomic therapy in brain tumours	Irene Slavic	15	12:25	12:40
	Discussion			05	12:40	12:45
	LUNCH				12:45	14:00
Infant Brain Tumours	Oncology	Management of ATRT & Rare Tumours	Stephen Lewis	15	14:00	14:15
	Radiotherapy	Radiotherapy in infant Brain Tumours & ATRT	Beate Timmermann	15	14:15	14:30
	Neurosurgery	Surgical Management of Infant Brain Tumours	Guirish Solanki	15	14:30	14:45
	Discussion			5	14:45	14:50

Session		Topic	Speaker/ Tutor	Lecture	Start	Finish
Wednesday, 3rd April						
Posterior Fossa Tumours	Chair	Didier Frappaz / John Goodden			90	
	Radiology	Radiology of Posterior Fossa Tumours	Monika Warmuth-Metz	15	14:50	15:05
	Neurosurgery	Telovelar Approach to PF Tumours	Guirish Solanki	15	15:05	15:20
Coffee Break				10	15:20	15:30
	Neurosurgery	Surgical Management of Posterior Fossa LGG	John Goodden	15	15:30	15:45
	Oncology	Current Management of Ependymoma	Didier Frappaz	15	15:45	16:00
	Radiotherapy	Proton Beam Therapy for Posterior Fossa Tumours in children. Recent considerations	Claire Alapetite	15	16:00	16:15
	Treatment Outcomes	Cerebellar Mutism	David Walker	15	16:15	16:30
<i>Rearranged presentations</i>	Neurosurgery	Surgery for Supratentorial LGG	John Goodden	15	16:30	16:45
<i>Rearranged presentations</i>	Oncology	Management of Germ Cell Tumours	Didier Frappaz	15	16:45	17:00
	Discussion			10	17:00	17:10
Clinical Scenarios	Chair	David Walker / Stephen Lowis / Guirish Solanki				
Case-based discussion & Solve-a-case		Interactive Panel Session with illustrative cases for each section	Panel- led	30	17:10	17:40
	Written Test			30	17:40	18:10
Conclusion		Day's Feedback	Stephen Lowis Guirish Solanki	10	18:10	18:20
Social Event						
Meet at Hotel for					19:00	

Session		Topic	Speaker/ Tutor	Lecture	Start	Finish
Thursday, 4th April 2019	Registration	Registration & Coffee			07:00	
Introduction	Welcome	Introduction	Guirish Solanki	10	07:50	7:50
Quality of Survival	Chair	David Walker/ Pablo Hernaiz/Jurgen Lemiere				8:00
	Disease Burden	Neuropsychological impact of Brain Tumours and its treatment	Jurgen Lemiere	15	08:00	8:15
	Core Domains in QoS:	How to assess, report and interpret	Sophie Thomas	15	08:15	8:30
	Clinical Trials: Direct neuropsychological measures and assessment	Tests and subtests used in clinical oncology protocols in UK, Europe and US Core and supplementary ('Plus') domains for direct assessment of participants in European childhood brain tumour studies.				
	Clinical Trials: Indirect outcome measures in QoS: Identifying and applying to age appropriate groups	Questionnaires currently used in clinical trials <ul style="list-style-type: none"> o QoS under 5 years o QoS in Teenage and Young Person 				
	Reliability and Validity.	How can we be sure about what we are measuring?				
	Psychology	Neuropsychological Rehabilitation programs	Jurgen Lemiere	15	08:30	8:45
	Oncology	Assessment of Somatic effects following Brain Tumours	Katrin Scheinemann	15	08:45	9:00
		Discussion		5	09:00	9:05
Overcoming the BBB & Drug Delivery Techniques	Chair	Dannis Van Vuurden/Darren Hargrave				
		The Basis of Convection-Therapy in Brain Tumours	David Walker	15	09:05	9:20
		HIFU- High Intensity Focused Ultrasound Induced BBB opening for DD	Dannis V Vuurden	15	09:20	9:35
		TTF- Tumour treating fields in HGG	TBC	15	09:35	9:50
		Nanotechnology & Theranostics	Darren Hargrave	15	09:50	10:05
		Discussion		10	10:05	10:15
		Coffee break		15	10:15	10:30
Radiation Therapy	Chair	Beate Timmermann / Claire Alapetite / Geert Janssen		140		
	Delivery Strategies	Proton Therapy for Paediatric CNS Tumors	Claire Alapetite	15	10:30	10:45
		Treatment Modalities in CS irradiation: The Role of IMRT in Paediatric Radiotherapy	Yasmin Lassen	15	10:45	11:00
		Guidelines for Cranio-Spinal Radiation	Thankamma Ajithkumar	15	11:00	11:15

Session		Topic	Speaker/ Tutor	Lecture	Start	Finish
Thursday, 4th April 2019						
	Disease- Specific	Radiotherapy in Choroid Plexus Lesions	Beate Timmermann	15	11:15	11:30
		Radiotherapy for LGG	Thankamma Ajithkumar	15	11:30	11:45
		Radiotherapy in Craniopharyngioma	Thankamma Ajithkumar	15	11:45	12:00
		Radiotherapy options in Relapse(MEMMAT)	Irene Slavic	15	12:00	12:15
		Radiotherapy for DIPG/HGG	Geert Janssen	15	12:15	12:30
	Late Effects	Acute & Late Effects	Yasmin Lassen	15	12:30	12:45
		Discussion		5	12:45	12:50
		Lunch		70	12:50	14:00
Patient Care, Communication, MDT Management	Chair	Dannis Van Vuurden / Katrin Scheinemann/ Otilia Menyhárt				
	Neurosurgery	Breaking bad News	Guirish Solanki	20	14:00	14:20
	Oncology	Clinical Trials: Ethics, How to set up and run them	Darren Hargrave	20	14:20	14:40
Neuro-Oncology MDT: Consensus, safety, outcomes	Radiology	Radiologist's role in Central Review/Advisory Boards	Stavros Stivaros	5	14:40	14:45
	Oncology	Centralising Neuro-Oncology Nationally	Dannis V Vuurden	5	14:45	14:50
	Pathology	Importance of advances in Molecular Biology	Torsten Pietsch	5	14:50	14:55
	Radiation Therapy	The radiation oncologist's contribution in the care around pediatric patients with CNS tumors	Geert Janssen	10	14:55	15:05
		Coffee Break		10	15:05	15:15
HGG/DIPG & MB Biology Group	Chair	Darren Hargrave / Torsten Pietsch/Miklos Garami				
	Oncology	Paediatric HGG & DIPG Registry	DV Vuurden	15	15:15	15:30
	Oncology	Medulloblastoma Biology & PNET 5 update	Francois Doz	15	15:30	15:45
	Quality of Survival	Neurotoxicity in Medulloblastoma	Pablo Hernaiz	15	15:45	16:00
	Neuro-Pathology	Integrated diagnosis in MB & CNS embryonal tumours (PNET) - towards precise classification & stratification for risk-adapted treatment	Torsten Pietsch	15	16:00	16:15
	Biomarker Research	Emerging molecular drivers and potential targets in childhood medulloblastomas	Otilia Menyhárt	15	16:15	16:30
	Oncology	New Drugs & Treatment strategies	Darren Hargrave	15	16:30	16:45
		Discussion		10	16:45	16:55
Other Group Updates		Speciality Updates		10	16:55	17:05
Case-based discussion & Solve-a-case		Interactive Panel Session with illustrative cases for each section	Panel- led	30	17:05	17:30
	Written Test			30	17:30	18:00
Conclusion	Concluding Remarks	Course Feedback, Next Steps Date of Next Course	Stephen Lowis / Claudia Faria / Guirish Solanki	30	18:00	18:30
Social Event		Meet at Hotel for				19:00

**Proud Sponsors of the SIOP-E 1st Combined Neuro-oncology Course
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