



UNIVERSITÀ
POLITECNICA
DELLE MARCHE



VIII INTERNATIONAL ANNUAL SUMMER COURSE UPDATES IN NEUROSUGERY

July 3 - 5, 2019 Ancona - Grottammare, Italy

Faculty

Chairs

Massimo Scerrati	Università Politecnica delle Marche	Ancona, Italy
Maurizio Iacoangeli	Università Politecnica delle Marche	Ancona, Italy
Mauro Dobran	Università Politecnica delle Marche	Ancona, Italy

Faculty

Mario Ammirati	St Rita's Medical Center, Temple University,	Philadelphia, Lima, USA
Francesco Biroli	"Papa Giovanni XXIII" Hospital	Bergamo, Italy
Carmine Carapella	National Institute for Cancer "Regina Elena"	Rome, Italy
Roberto Delfini	Rome University "La Sapienza"	Rome, Italy
Alessandro Di Rienzo	Università Politecnica delle Marche	Ancona, Italy
Vincenzo Esposito	Rome University "La Sapienza"	Rome – Pozzilli, Italy
Naren Ganesalingam	Birmingham Children's Hospital	Birmingham, UK
Marisa Gandia	Hospital Universitario La Paz	Madrid, Spain
Fred Gentili	Toronto Western Hospital	Toronto, Canada
Davide Locatelli	Università degli Studi Dell'Insubria	Varese, Italy
Carlo Marras	Children's Hospital "Bambino Gesù"	Rome, Italy
Christian Matula	Universitätsklinik AKH Vienna	Vienna, Austria
Alessandro Olivi	Rome University "Cattolica e del Sacro Cuore"	Rome, Italy
Angelo Pompucci	"Santa Maria Goretta" Hospital	Latina, Italy
Tiziana Principi	"Madonna del Soccorso" Hospital	San Benedetto Del Tronto, Italy
Riccardo Ricciuti	"Belcolle" Hospital	Viterbo, Italy
Nicolas Sampron	Hospital Universitario Donostia	San Sebastian, Spain
Riki Trivedi	University of Cambridge	Cambridge, UK

	Wednesday, July 3, 2019	
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TIME	AGENDA ITEM	FACULTY
	INTRODUCTION	
14:30–14:40	Welcome	M. Scerrati
14:40–14:50	Course structure and objectives	M. Iacoangeli
14:50–15:00	Celebration of our University and presentation of the course cities	M. Dobran
Module 1	UPDATES IN NEUROTRAUMA	Moderator: F. Biroli
15:00–15:20	TBI outcome: importance of epidemiological studies and educational programs	F. Biroli
15:25–15:45	Severe brain injury management: open issues and current treatment	A. Pompucci
15:50–16:10	Updates and current controversies on bone flap reconstruction: not a trivial surgery	A. Di Rienzo
16:15–16:35	Skull Base Trauma and how to manage it	C. Matula
16:40–17:50	Interactive case discussion	All faculty
17:40–18:00	Wrap-up message of the day	L. Di Somma

	Thursday, July 4, 2019	
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Module 2	UPDATES IN NEURO-ONCOLOGY	Moderator: R. Ricciuti
09:00–09:20	Role of surgery and multimodal treatment of gliomas	C. M. Carapella
09:25–09:45	Surgery around the corticospinal tract	V. Esposito
09:50–10:10	Utility, current controversies and suggestions in the use of intraoperative image-guided surgery	A. Olivi
10:15–10:35	Updates, controversies, decision making and present treatment of ventricular and paraventricular lesions	N. Sampron
10:40–11:00	Critical issues, new trends and innovations in modern multidisciplinary treatment for cerebral metastases	M. Ammirati
11:00–11:30	Coffee break and networking	

11:30–11:50	Training the skull base surgeon of the future	F. Gentili
11:55–12:15	Education and Training in Neurosurgery – Up to new Horizons	C Matula
12:20–13:00	Open Discussion and post-session wrap-up	All faculty
13:00–14:00	LUNCH TIME	
Module 3	UPDATES ON SPINE SURGERY	Moderator: R. Delfini
14:00–14:20	Critical appraisal of sagittal alignment of the human spine: importance, use, and misuse	N. Sampron
14:25–14:45	Current treatment, critical issues and personal hints for trauma of toraco-lumbar spine	M. Dobran
14:50–15:10	Updates, future directions and technical nuances in cranio-vertebral junction surgery	M. Iacoangeli
15:15–15:35	Current controversies and future directions on minimally invasive spine surgery and navigated spine surgery	M. Gandia
15:40–16:00	Updates, dilemmas, technical nuances and personal hints on modern spine surgery	R. Trivedi
16:05–16:25	Current medical conservative treatment of low-back pain	T. Principi
16:30–17:00	Open Discussion and post-session wrap-up	All faculty
	Friday, July 5, 2019	

Module 4	SKULL BASE SURGERY	Moderator: M. Scerrati
09:00–09:20	Skull Base surgery: changing landscape -reflections over a 30 year career and lessons learned	F. Gentili
09:25–09:45	Skull Base Meningiomas – Never-ending Challenge	C. Matula
09:50–10:10	Endoscopic endonasal approaches to anterior skull base: current opinions, controversies, complications and future perspectives	F. Gentili
10:15–10:35	Microsurgery and endoscopy: hand in hand	M. Iacoangeli
10:40–11:00	Updates, technical nuances and personal hints for surgery of foramen magnum meningiomas	R. Delfini
11:00–11:20	COFFEE BREAK	
11:20–11:40	Updates, future directions and personal hints on orbital and transorbital surgery	D. Locatelli

11:45–12:05	Pediatric traumatic brain injury	N. Ganesalingam
12:10–12:30	Updates, current controversies and future directions in pediatric neuro-oncology surgery	C. Marras
12:30–13:00	Open Discussion and post-session wrap-up	All Faculty
13:00–14:00	LUNCH TIME	
Module 5	VIDEO SESSION: SURGICAL ANATOMY, EDUCATIVE VIDEOS, COMPLICATIONS AVOIDANCE AND TECHNICAL SUGGESTIONS	Moderator: All Faculty
14:00–16:30	<p>Anterior approach to the thoracic and lumbar spine, how I do it and why I do it.</p> <p>Minimally invasive approaches to anterior skull base and CVJ, technical nuances</p> <p>Refining Intramedullary tumors surgery Depressed fractures</p> <p>Extradural clinoidectomy Far Lateral Approach</p> <p>Minimally invasive endoscopic spine surgery</p> <p>Extended endoscopic endonasal approach</p> <p>Surgery for brain stem cavernomas</p>	All Faculty
16:30–17:00	Course evaluation, questions and discussion	Chairs
17:00–17:05	Closure and certificates	