

Neurophysiological Investigations

Moderator: Professor Dana Craiu and Professor Agnese Suppiej



Day 1: 28 February 2024 times in Central European Time (CET)			
07:30-08:00	10'	Registration	
08:00-08:30	30'	Welcome, introduction and pre-course questions	Dana Craiu Carmen Barba Agnese Suppiej
08:30-09:15	45'	Basic EEG – a review of the method and minimal standards	Oana Tarta Arsene
09:15-09:45	30'	Provocation methods	Dana Craiu
09:45-10:15	30'	Normal EEG	Dana Craiu
10:15-10:35	20'	Break	
10:35-11:20	45'	EEG in epilepsy (including how to write a report examples)	Dana Craiu
11:20-12:05	45'	Epilepsy and syndromes (GGE, (Lafora), Spasms, LGS)	Carmen Barba
12:05-13:05	60'	lunch	
13:05-13:50	45'	Epilepsy and syndromes (SELECT all, Sleep activation syndromes, migrating epilepsy)	Dana Craiu
13:50-14:20	30'	EEG in pediatric neurological disorders	Dana Craiu
14:20-15:25	65'	Interactive element/small group work. EEG discussions by participants and tutors Coffee and bites during discussions	3 breaking rooms
15:25-16:10	45'	EEG in epilepsy surgery (including scalp, SEEG and use of post-processing, quantitative EEG)	Carmen Barba
16:10-16:45	35'	EEG in acute settings (including acute disorders of consciousness and brain death)	Rafaele Farsaperla
16:45-17:00	15'	General discussion and key takeaways	Dana Craiu, Carmen Barba
17:00-17:30	30'	Transport to Ferrara for Games starting 17.00 – 4 teams – learn Italian cooking Ferrara style	
20:00		Gala dinner	
Day 2: 29 February 2024 times in Central European Time (CET)			
08:45-09:00	15'	Welcome, introduction and pre-course questions	Dewi Bakker
Session I: <i>EVOKED POTENTIALS - Notes on methodology, normal development, normative data and the clinical role</i>			
09:00-09:45	45'	The visual and acoustic systems	Agnese Suppiej
09:45-10:45	60'	Multimodality evoked potentials approach in selected clinical setting: practical interactive session – cases prepared by the faculty	Cristina Forest, Agnese Suppiej, Paola Lanteri, Silvia Lori
10:45-11:05	20'	Break	
11:05-11:50	45'	The sensory and motor systems including intraoperative monitoring	Oana Tarta Arsene
11:50-12:50	60'	Multimodality evoked potentials approach in selected clinical setting: practical interactive session – cases prepared by the faculty	Oana Tarta Arsene, Cristina Forest, Agnese Suppiej, Paola Lanteri, Silvia Lori, Jay Capone
12:50-13:30	40'	Lunch	
Session II: <i>NERVE CONDUCTION VELOCITY and ELECTROMYOGRAPHY: Notes on methodology, normal development, normative data and the clinical role</i>			
13:30-14:15	30'	Nerve conduction velocity and reflexology	Silvia Lori
14:15-14:45	30'	Electromyography: qualitative and quantitative approach	Paola Lanteri

EPNS Training Course: Ferrara, Italy, 28-29 February 2024

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14:45-15:15	30'	Break	
15:15-16:00	45'	Nerve and muscle ultrasound integration	Silvia Lori
16:00-16:30	30'	Testing neuromuscular transmission	Paola Lanteri
16:30-17:30	60'	Selected clinical setting: practical session	Silvia Lori, Paola Lanteri, Agnese Suppiej, Cristina Forest, Jay Capone
17:30-18:00	30'	Discussion and conclusion	
18:00-19:00	30'	Post course questions, Take home messages and Awards	