

**Neurophysiological Investigations**

Moderator: Professor Dana Craiu and Professor Agnese Suppiej

<b>Day 1: 28 February 2024 times in Central European Time (CET)</b>			
08:30-08:45	15'	<b>Registration</b>	
08:45-09:15	30'	Welcome, introduction and pre-course questions	Dana Craiu Carmen Barba Agnese Suppiej
09:15-10:00	45'	Basic EEG – a review of the method and minimal standards	Oana Tarta Arsene
10:00-10:30	30'	Provocation methods	Dana Craiu
10:30-11:00	30'	Normal EEG	Dana Craiu
11:00-11:20	<b>20'</b>	<b>Break</b>	
11:20-12:25	55'	Epilepsy and syndromes	Carmen Barba
12:25-13:00	35'	Epilepsy and syndromes	Dana Craiu
13:00-13:45	<b>45'</b>	<b>lunch</b>	
13:45-14:45	60'	Interactive element/small group work. Cases EEG discussions by participants	all
14:45-15:15	<b>30'</b>	<b>Break</b>	
15:15-16:00	45'	EEG in epilepsy	tbc
16:00-16:45	45'	EEG in epilepsy surgery (including scalp, SEEG and use of post-processing, quantitative EEG)	Carmen Barba
16:45-17:15	30'	EEG in pediatric neurological disorders	Dana Craiu
17:15-17:45	30'	EEG in acute settings (including acute disorders of consciousness and brain death)	Rafaele Farsaperla
17:45-18:00	15'	General discussion and key takeaways	Dana Craiu, Carmen Barba
18:00-18:30	30'	Transport to Ferrara for Games starting 17.30 – 4 teams – learn Italian cooking Ferrara style	
20:00		Gala dinner	
<b>Day 2: 29 February 2024 times in Central European Time (CET)</b>			
08:45-09:00	15'	Welcome, introduction and pre-course questions	Dewi Bakker
<b>Session I: EVOKED POTENTIALS - Notes on methodology, normal development, normative data and the clinical role</b>			
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	<b>20'</b>	<b>Break</b>	
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
12:50-13:30	<b>40'</b>	<b>Lunch</b>	
<b>Session II: NERVE CONDUCTION VELOCITY and ELECTROMYOGRAPHY: Notes on methodology, normal development, normative data and the clinical role</b>			
13:30-14:15	45'	Nerve conduction velocity and reflexology	Silvia Lori
14:15-14:45	30'	Electromyography: qualitative and quantitative approach	Paola Lanteri
14:45-15:15	<b>30'</b>	<b>Break</b>	

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

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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, Jay Capone
17:30-18:00	30'	Discussion and conclusion	
18:00-19:00	60'	Post course questions, Take home messages and Awards	