

Neuroplasticity-Guided Interventions in Neurorehabilitation_Agenda

Day 1	
10:00 am	Registration & Coffee
10:15	Welcome and History of Neuromodulation Leon Morales Quezada, MD, PhD & Felipe Fregni, MD, PhD
10:30	Principles of Neuroscience applied to Rehabilitation Leon Morales Quezada, MD, PhD
12:15 pm	Lunch
1:30	Intervention II: Transcranial Direct Current Stimulation Mirret El-Hagrassy, MD
12:15 pm	Lunch
1:30	Intervention II: Transcranial direct current stimulation Mirret El-Hagrassy, MD
2:30	Transition Time
2:45	Intervention III: Cognitive Rehabilitation/Self-Modulation Leon Morales Quezada, MD, PhD
3:30	Intervention IV: Aerobic Exercise to Induce Plasticity Paulo Teixeira, PT, MSc
4:15	Round Up and Summary of Day 1
4:45 pm	Adjourn

Day 2	
8:00 am	Coffee & Networking
8:30	Intervention V: Mirror Therapy and Visual Illusion Paulo Teixeira, PT, MSc
9:15	Break
9:30	Designing Neuroplasticity-Guided Intervention Studies in Clinical Research Studies Marcel Simis, MD
10:30	Panel Discussion: Pros and Cons of Interventions Elif Uygur-Kucukseymen, MD & Mirret El-Hagrassy, MD
11:30	Lunch
1:00 pm	Practical Demonstration I Muhammed Gunduz, MD
2:30	Transition Time
2:45	Practical Demonstration II Muhammed Gunduz, MD
4:30	Round Up and Summary of Day 2
5:00 pm	Adjourn

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Day 3	
8:00 am	Coffee & Networking
8:30	Application I: Traumatic Brain Injury (TBI) Neurorehabilitation Ginger R Polich, MD
9:45	Break
10:00	Application II: Stroke Motor Neurorehabilitation Camila Bonin Pinto, PhD
11:00	Application III: Major Depression and Neurorehabilitation Dante Duarte, MD, PhD
12:00 pm	Lunch
1:00	Application VI: Pain Neurorehabilitation (including Migraine) Wolnei Caumo, MD, PhD
2:30	Break
2:45	Application V: Stroke Motor Neurorehabilitation Qing Wang, MD
4:00	Round Up and Summary of Day 3
5:00 pm	Adjourn

Day 4	
8:00 am	Coffee & Networking
8:30	Epilepsy: Neurorehabilitation and Non-Invasive Brain Stimulation (NIBS) Mirret El-Hagrassy, MD
9:45	Break
10:00	Participants Presentation/Exercise
12:00 pm	Lunch
1:00	Article Critique Session – Negative Trial Muhammed Gunduz, MD
2:00	Break
2:15	Overview of NIBS in Neurorehabilitation, Regulations and Future Directions Felipe Fregni, MD, PhD & Marcel Simis, MD
3:30	Course Wrap-Up, Questions, & Feedback Felipe Fregni, MD, PhD
4:30 pm	Adjourn