

Department of Neurosurgery (Chair: Prof. Alessandro Olivi)
Functional Neurosurgery Operative Unit (Chief: Dr. Nicola Montano)

Theoretical and practical course in high-frequency spinal cord stimulation
Fourth edition

Rome 21-22 October 2025

Programme

21 October 2025

14:00-14:15	Spinal Cord Stimulation: overview on the surgical technique and management of surgical complications
14:15-14:30	Spinal Cord Stimulation and diabetic neuropathy
14:30-14:45	Spinal Cord Stimulation and pain
14:45-15:05	Spinal Cord Stimulation and spasticity
15:05-15:20	Coffee Break
15:20-15:35	Discussion of clinical cases scheduled for the live surgery
15:35-16:15	HF stimulation: programming and new stimulation paradigms – focus on IQ
16:15-18:45	Hands-on simulator practice (Spine Mentor simulators)
	Group Dinner

22 October 2025

08:00-14:00	Live surgery (3 cases)
14:00-15:00	Programming of implanted devices
15:00-15:30	Light Lunch
15:30	End of the course

Scientific Committee

Course Director: Dr. Nicola Montano

Scientific Coordinators: Dr. Nicola Montano, Prof. Alessandro Olivi

Faculty

Dr. Benedetta Burattini

Dr. Manuela D'Ercole

Dr. Giusy Guzzi

Dr. Alessandro Izzo

Dr. Nicola Montano

Prof. Alessandro Olivi

Prof. Dario Pitocco

Prof. Luca Ricciardi

Prof. Gabriella Silvestri

Scientific Secretariat

Dr. Benedetta Burattini

Organizing Secretariat

Dr. Grazia Chierchia

Learning Objectives

The aim of the course is to discuss the actual clinical indications of high frequency spinal cord stimulation and to provide the full understanding of new stimulation paradigms and programming. The hands-on learning experience on Spine Mentor simulators and the live surgery sessions will permit to acquire the correct surgical implant technique.

Target Audience

The target audience of the course is neurosurgery residents and young neurosurgeons with interest in functional neurosurgery, pain management and neuromodulation.

At the end of course an attendee certificate will be given

The course will be under the auspices of Società Italiana di Neurochirurgia (SINCH)

Course fees: 915 euro (VAT INCLUDED)

The course is limited to 9 participants