

Intraoperative Ultrasound in Neurosurgery & Spine

Day 1, November 6, 2025

8:30	●	Registration and coffee
8:45	●	Welcome, introduction, and learning objectives Dr. Fran Martinez-Ricarte
9:00	●	Basic ultrasound physics for the neurosurgeon Mr. William Lo
9:30	●	Industry-sponsored symposium “Getting familiar with the intraoperative ultrasound system”
10:15	●	Coffee break
10:30	●	Hands-on session: Basics sonography skills Dr. Fran Martinez-Ricarte & Mr. William Lo
11:15	●	iUS in neurosurgery: Clinical benefits and tips for using it in your practice Dr. Fran Martinez-Ricarte
11:45	●	The clinical advantages of iUS in different neurosurgical procedures Mr. William Lo
12:30	●	Artifacts: Friends or foes? Mr. William Lo
12:45	●	Lunch
13:30	●	Hands-on session: Scanning on brain phantoms Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
14:15	●	iUS in spine surgery: Clinical benefits and tips for using it in your practice Dr. Mario Gomar Alba
15:00	●	Coffee break
15:15	●	Hands-on session: iUS in spine surgeries Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
16:00	●	Integration of iUS and neuronavigation: An introduction Dr. Fran Martinez-Ricarte
16:30	●	Closing remarks Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
16:45	●	End of Day 1
20:00	●	Group dinner (included)

Intraoperative Ultrasound in Neurosurgery & Spine

Day 2, November 7, 2025

8:45	●	Welcome back and Q/A from Day 1 Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
9:00	●	Live surgery: Case presentation and discussion Dr. Fran Martinez-Ricarte
9:30	●	Industry-sponsored symposium “Brainlab”
10:00	●	Industry-sponsored symposium “Hands on Brainlab”
10:45	●	Coffee break
11:00	●	Live surgery stream Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
13:00	●	Lunch break
13:45	●	Hands-on session: Biopsy guides Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
14:15	●	Roundtable: Discussion on the live surgery Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
14:45	●	Coffee break
15:00	●	Case presentation & discussion: Spine Dr. Mario Alba
15:30	●	Case presentation & discussion: iUS in pediatric neurosurgery Mr William Lo
16:00	●	Closing remarks Dr. Fran Martinez-Ricarte, Mr. William Lo & Dr. Mario Gomar Alba
16:15	●	End of Day 2