

INVITE TO
WORKSHOP

INTRAOPERATIVE ULTRASOUND IN NEUROSURGERY

Presented by Dr. Fran Martinez-Ricarte
and Mr. William Lo in Barcelona.

APRIL 20-21, 2023



We are excited to invite physicians to our two-day neurosurgical workshop held at University Hospital Vall d'Hebron in Barcelona, Spain. At his workshop, participants will receive a basic introduction to the use of intraoperative ultrasound in neurosurgery.

This workshop will be in English.

Maximum Capacity: 20 participants.

Cost: This workshop is free, but travel and accommodation are not included.

CME Accreditation: Application has been submitted.

VENUE

Vall d'Hebron University Hospital
Passeig de la Vall d'Hebron 119
08035 Barcelona, Spain

Hotel Alimara (recommended)
Carrer de Berruguete 126
08035 Barcelona, Spain

TOPICS

- Basic ultrasound physics for the surgeon
- Intraoperative ultrasound in neurosurgery
- Hands-on: Basic sonography skills
- Clinical benefits and tips for using iUS in your practice
- Integration of iUS and neuronavigation
- Hands-on: Scanning on brain phantoms
- Live surgery and live surgery stream
- Hands-on session: Biopsy guides

REGISTER



CLICK TO REGISTER
APRIL 20-21, 2023

Sign-up for the workshop is binding.

AGENDA

INTRAOPERATIVE ULTRASOUND IN NEUROSURGERY

DAY 1, APRIL 20, 2023

8:30 ^{AM}	●	Registration and coffee
9:00 ^{AM}	●	Welcome and introduction and learning objectives Dr. Fran Martinez-Ricarte
9:15 ^{AM}	●	Basic ultrasound physics for the neurosurgeon Mr. William Lo
9:45 ^{AM}	●	Industry-sponsored symposium
10:30 ^{AM}	●	Coffee break
10:45 ^{AM}	●	Hands-on session: Basics sonography skills Dr. Fran Martinez-Ricarte and Mr. William Lo
11:30 ^{AM}	●	iUS in neurosurgery: Clinical benefits and tips for using it in your practice Dr. Fran Martinez-Ricarte
12:00 ^{PM}	●	Lunch break
1:00 ^{PM}	●	The clinical advantages of iUS in different neurosurgical procedures Mr. William Lo
1:45 ^{PM}	●	Case presentation: iUS in pediatric neurosurgery Mr. William Lo
2:15 ^{PM}	●	Artifacts: Friends or foes? Mr. William Lo
2:30 ^{PM}	●	Hands-on session: Scanning on brain phantoms Dr. Fran Martinez-Ricarte and Mr. William Lo
3:15 ^{PM}	●	Coffee break
3:30 ^{PM}	●	Integration of intraoperative ultrasound and neuronavigation - An introduction Dr. Fran Martinez-Ricarte
4:00 ^{PM}	●	Closing remarks Dr. Fran Martinez-Ricarte
4:15 ^{PM}	●	End of day 1
8:00 ^{PM}	●	Group dinner (included) Restaurant Can Cortada, Av. de l'Estatut de Catalunya, s/n, 08035 Barcelona

DAY 2 ↓

AGENDA

INTRAOPERATIVE ULTRASOUND IN NEUROSURGERY

DAY 2, APRIL 21, 2023

9:00 ^{AM}	●	Live surgery: Case presentation and discussion Dr. Fran Martinez-Ricarte
9:30 ^{AM}	●	Industry-sponsored symposium
10:00 ^{AM}	●	Industry-sponsored symposium
10:45 ^{AM}	●	Coffee break
11:00 ^{AM}	●	Live surgery stream Dr. Fran Martinez-Ricarte and Mr. William Lo
1:00 ^{PM}	●	Lunch break
2:00 ^{PM}	●	Hands-on session: Biopsy guides Dr. Fran Martinez-Ricarte and Mr. William Lo
2:30 ^{PM}	●	Roundtable: Discussion on the live surgery Dr. Fran Martinez-Ricarte and Mr. William Lo
3:00 ^{PM}	●	Coffee break
3:15 ^{PM}	●	Closing remarks Dr. Fran Martinez-Ricarte and Mr. William Lo
3:30 ^{PM}	●	End of day 2



Dr. Fran Martinez-Ricarte

Neurosurgeon, University
Hospital Vall d'Hebron,
Barcelona, Spain



Mr. William Lo

FRCS (Neuro Surg.), FEBNS
Neurosurgeon, Birmingham
Children's Hospital, UK