

Short CV

Dr. Pedro Roldán graduated in Medicine from the University of Valencia in 2008. He completed his residency in Neurosurgery at the Department of Neurosurgery of Son Espases University Hospital in Palma de Mallorca, obtaining his specialist qualification in Neurosurgery in 2013 through the Spanish MIR training program. He worked in the Functional Neurosurgery Unit at Queen Square Hospital in London. He holds a PhD in Surgery, with a doctoral thesis focused on brain tumor surgery assisted by intraoperative magnetic resonance imaging.

Dr. Roldán is an Associate Professor of Neurosurgery in the Medical Degree Program at the University of Barcelona and a member of several scientific societies, including the Spanish, European, and World Societies of Neurosurgery and Functional and Stereotactic Neurosurgery.

He currently carries out most of his work as a Senior Specialist in the Department of Neurosurgery at Hospital Clínic de Barcelona, where he also serves as a Resident Tutor and an active member of the Teaching Committee.

Most of his clinical activity is dedicated to Functional Neurosurgery, including surgery for Parkinson's disease, tremor, and epilepsy; facial pain disorders such as trigeminal neuralgia and other medically refractory headache syndromes; neuro-oncology; and spinal surgery, with a focus on minimally invasive techniques such as endoscopic spine surgery and other advanced percutaneous procedures—fields in which he is currently developing most of his work.

His main research interests lie in Functional Neurosurgery and the development of new surgical approaches. He has also authored numerous publications on functional and epilepsy surgery, neurostimulation, and image-guided intraoperative surgery.