

Biography – Prof. Zvi Ram

Prof. Zvi Ram serves as the Chairman of the Department of Neurosurgery at Tel Aviv Medical Center in Israel. After completion of his neurosurgical residency at Sheba Medical Center in Israel in 1991, Prof. Ram had joined the Surgical Neurology Branch at the National Institutes of Health in Bethesda, MD, where he led a variety of basic and clinical research projects, including paving the way and leading the first gene therapy trial for patients with brain tumors, as well as other innovative approaches for brain tumor therapy.

Upon his return to Israel in 1994, Prof. Ram has launched an active clinical and academic career with emphasis on brain tumor therapy, pituitary surgery, and technology development projects with various companies, including the development and implementation of intraoperative MRI technology, High-Intensity Focused MRI-guided ultrasound for tumor ablation, spectroscopic brain mapping, novel drug distribution systems, and the use and modeling of convection-enhanced drug delivery systems and other innovative therapeutic approaches for brain tumor.

Prof. Ram has chaired the Tumor Section of the European Association of Neurosurgical Societies (EANS), is a member of the Executive Steering Committees and lead PI for several pharmaceuticals companies conducting multicenter international phase III clinical studies, Scientific advisor for biotechnology groups, and a member of editorial boards and reviewer for leading scientific journals in his areas of expertise.

Prof. Ram's main clinical interests include surgery for complex brain tumors, including performance of Awake Craniotomies with intra-operative cortical mapping and white matter tracking when tumors are within or near functional brain regions, resection of pituitary tumors and complex benign tumors of the brain.

