



Itay Melamed, MD

General Neurosurgery
Endovascular Surgical Neuroradiology

Specialty Areas

General Neurosurgery
Endovascular Surgical Neuroradiology

Medical School

University of Colorado School of Medicine
Boulder, CO - 2001

Internship

University of Missouri—Columbia
Surgical internship
Columbia, MO - 2002

Residency

University of Missouri—Columbia
Neurosurgical Residency
Columbia, MO - 2007

Fellowship

Indianapolis Neurosurgical Group
Endovascular Surgical Neuroradiology Fellowship
Indianapolis, IN – 2008-2009

Board Certification

American Board of Neurological Surgery

Hospital Affiliations

- Methodist Hospital
- St. Vincent Hospital

Experience

- Endovascular Surgeon & Neurological Surgeon, Indianapolis Neurosurgical Group
- Research Associate - 1st Allergy and Clinical Research

Professional Memberships

- American Medical Association
- American Association of Neurological Surgeons
- Congress of Neurological Surgeons

Publications

Ankylosing Spondylitis (chapter). Neurosurgery Resident's Manual with Dr. John Oro

Presentations

- Neurotrauma and the use of ICP monitors to pathology residents: Mitochondrial Encephalomyopathies
- Grand Rounds: Cerebral Aneurysms: to clip or not to clip
- Grand Rounds: Metastatic brain disease, evaluation, treatment and prognosis

Research

- Residents' microvascular technique coordinator
- Endovascular experience at Boone Hospital
- Research into the PAX-6 gene and its role in UV protection
University of Colorado Dept. of Biochemistry
- Research into the osmoregulation of yeast
Hospital for Sick Children, Dept. of Immunology, Toronto Canada.
- Research Associate Project: The Role of the Cytoskeleton in B cell Signaling

Not Published :

- Stereolithography: Surgical Benefits in complex skull base surgeries;
- Craniosynostosis: Cost Comparison of Endoscopic vs. Open Surgery with Dr. David Jimenez