



The Saint John's Brain Tumor Center & Pituitary

Disorders Program provides comprehensive care for patients with brain, pituitary and skull base tumors as well as related problems such as pituitary hormonal failure, cerebrospinal fluid leaks and spinal cord tumors.

Multidisciplinary Care

Our specialists in Neurosurgery, Head & Neck Surgery, Endocrinology, Oncology, Radiation Oncology, Interventional Neuroradiology and Neuro-Ophthalmology offer a comprehensive and collaborative approach to these disorders. With expertise in minimally invasive keyhole and endonasal surgery, stereotactic radiation treatment, cutting-edge cancer treatments and hormone replacement therapy, we provide individualized care for these complex problems.

Minimally Invasive Neurosurgery

At the Saint John's Brain Tumor Center, we incorporate state-of-the-art technology with proven surgical experience to make tumor removal safer, less invasive and more effective. Most brain, pituitary and skull base tumors can now be removed by a "keyhole" approach through a small craniotomy or the nostrils.

Key-Hole Surgical Approaches

Endonasal endoscopic approach (via the nose)

- For pituitary adenomas and select midline brain & skull base tumors

Supraorbital "eyebrow" craniotomy

- For meningiomas, craniopharyngiomas & other brain tumors

Retromastoid craniotomy (behind the ear)

- For brain & skull base tumors in the posterior fossa

Other key-hole craniotomies & conventional craniotomies

- For removal of gliomas, metastatic & other brain tumors

Disorders We Treat:

Brain and Skull Base Tumors

- Chordoma
- Craniopharyngioma
- Epidermoid cyst
- Gliomas (astrocytoma, ependymoma, glioblastoma, oligodendroglioma)
- Hemangioblastoma
- Meningioma
- Metastatic brain tumors
- Olfactory neuroblastoma & other sinonasal cancers
- Schwannoma (trigeminal and acoustic)

Pituitary Adenomas and Related Problems

- Acromegaly
- Cushing's disease
- Endocrine-inactive adenoma
- Prolactinoma
- Recurrent and residual adenoma
- Rathke's cleft cyst
- Pituitary failure (hypopituitarism)
- Hypophysitis

Cerebrospinal fluid leaks

- Traumatic, post-surgical, spontaneous

Spinal Cord Tumors



Our Expert Team

Daniel F. Kelly, MD	Neurosurgery, Director, Brain Tumor Center & Pituitary Disorders Program
Chester Griffiths, MD	Head & Neck Surgery
Pejman Cohan, MD	Endocrinology
Howard Krauss, MD	Neuro-Ophthalmology
Omid Hamid, MD	Neuro-Oncology
Robert Wollman, MD & Lisa Chaiken, MD	Radiation Oncology
George Teitelbaum, MD	Interventional Neuro-Radiology
David Krasne, MD & Yuki Takasumi, MD	Neuropathology

Research & Education at the Brain Tumor Center & John Wayne Cancer Institute:

Through collaboration with the John Wayne Cancer Institute, our BTC physicians conduct translational research, clinical trials, continuing medical education, neurosurgical fellowship training as well as patient education and support.

Physician Continuing Medical Education:

We conduct a monthly multidisciplinary brain and pituitary tumor case conference on the 4th Wednesday of each month to discuss patient management at Saint John's Health Center, as well as other periodic symposia and courses. For a list of upcoming events go to www.brain-tumor.org

Patient Support Group:

The BTC sponsors a free patient support group. Our goal is to empower those who have been affected by pituitary disorders and brain tumors. Our medical professionals and volunteers provide current, accurate information about pituitary and hormonal health, along with emotional guidance and support. Please visit www.brain-tumor.org for support group dates and times.

About our Director – Daniel F. Kelly, MD

Dr. Kelly is internationally recognized in the field of minimally invasive endonasal endoscopic and transcranial keyhole removal of brain, pituitary and skull base tumors. He has published extensively on the topics of surgical outcomes, patient satisfaction and complication avoidance for a wide range of brain and skull base pathology, including pituitary adenomas, craniopharyngiomas, meningiomas, chordomas, schwannomas and sinus carcinomas. His research interests include endoscopic and keyhole surgical approaches, post-operative quality of life and pituitary hormonal dysfunction, as well as biomarkers of pituitary tumors and metastatic brain tumors. Dr. Kelly completed neurosurgical residency training in 1993 at George Washington University Medical Center. He joined the UCLA Division of Neurosurgery and in 1998 became director of the UCLA Pituitary Tumor & Neuroendocrine Program. He was Professor of Neurosurgery and Vice-Chief of Clinical Affairs for the UCLA Division of Neurosurgery until 2007 when he joined the John Wayne Cancer Institute and Saint John's Health Center. As Director of the Brain Tumor Center, Dr. Kelly continues to focus his efforts on advancing innovative treatments for patients with brain, pituitary and skull base tumors and providing fellowship training and education in minimally invasive neurosurgery.