The Pacific Pituitary Disorders Center (PPDC) is a Center of Excellence within the Pacific Neuroscience Institute (PNI). We provide comprehensive care, pituitary hormonal evaluations and minimally invasive endoscopic surgery for patients with pituitary and skull base tumors.

**PATIENT-CENTERED FOCUS:** A multidisciplinary team approach providing tailored diagnostic and treatment plans.

**EXPERIENCE, INNOVATION & RESEARCH:** One of the largest series of pituitary surgeries world-wide; extensive academic publications in pituitary disorders; ongoing clinical trials and pituitary and brain tumor genomics research.

**TECHNOLOGY:** State-of-the-art operating suite dedicated to endoscopic and keyhole neurosurgery.

**CONSISTENT QUALITY CARE:** The Pacific Brain Tumor Center and Pacific Pituitary Disorders Center received the Neurosurgery Excellence Award™ in 2014. Providence Saint John’s Health Center is the only hospital in California to receive Healthgrades® America’s 50 Best Award™ 9 years in a row.

**COMMUNITY OUTREACH:** Longest running Pituitary Patient Support Group nationwide established in 2000.

**PHYSICIAN EDUCATION:** Regular symposia in pituitary tumor management and endoscopic skull base surgical techniques.

**DISORDERS WE TREAT***

**PITUITARY ADENOMAS**
- Acromegaly
- Cushing's disease
- Endocrine-inactive adenoma
- Prolactinoma
- TSH-secreting adenoma
- Recurrent and residual adenoma
- Pituitary apoplexy

**CRANIOPHARYNGIOMA**

**RATHKE’S CLEFT CYST**

**OTHER RELATED TUMORS & CYSTS**
- Chordoma
- Meningioma
- Sellar arachnoid cyst
- Sinonasal carcinoma

**PITUITARY FAILURE (HYPOPITUITARISM)**

**PITUITARY INFLAMMATION (HYPOPHYSITIS)**

**CEREBROSPINAL FLUID LEAKS**

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For an appointment or second opinion, please call 310-582-7450 or visit [www.pacificpituitary.org](http://www.pacificpituitary.org)
PACIFIC PITUITARY DISORDERS CENTER
AT PROVIDENCE SAINT JOHN’S HEALTH CENTER

OUR EXPERT TEAM
Daniel F. Kelly, MD
Garni Barkhoudarian, MD
Chester Griffiths, MD & Kian Karimi, MD
Pejman Cohan, MD & Niloufar Ilani, MD
Howard Krauss, MD
Santosh Kesari, MD, PhD
Robert Wollman, MD & Lisa Chaiken, MD
George Teitelbaum, MD
David Krasne, MD & Yuki Takasumi, MD
Amy Eisenberg, MSN, ARNP, CNRN

Neurosurgery, Pacific Pituitary Center Director
Neurosurgery, Pacific Pituitary Center Co-Director
Head & Neck Surgery (ENT)
Endocrinology
Neuro-Ophthalmology
Neuro-Oncology
Radiation Oncology
Interventional Neuro-Radiology
Neuropathology
Program Nurse Practitioner

DANIEL F. KELLY, MD
DIRECTOR, PACIFIC PITUITARY DISORDERS CENTER
Dr. Kelly is internationally recognized in the field of endoscopic and keyhole brain surgery. He has numerous publications on surgical outcomes, patient satisfaction and complication avoidance for a wide range of tumors including pituitary adenomas, meningiomas, craniopharyngiomas, chordomas and metastatic brain tumors. He is the recipient of the Patients’ Choice Award (2008 - 2009, 2011 - 2013) and Compassionate Doctor Award (2011 - 2013).

GARNI BARKHOUDARIAN, MD
CO-DIRECTOR, PACIFIC PITUITARY DISORDERS CENTER
Dr. Barkhoudarian is a neurosurgeon with a focus on skull base and minimally invasive endoscopic surgery. He has particular interest and expertise in pituitary and parasellar tumors, intra-ventricular brain tumors, trigeminal neuralgia, hemifacial spasm, other cranial nerve syndromes and endoscopic treatment of hydrocephalus. He is director of the Pacific Hydrocephalus Center and Pacific Facial Pain Center and director of Providence Saint John’s Skull-Base and Endoscopic Microdissection Laboratory.

RESEARCH & EDUCATION AT THE PACIFIC NEUROSCIENCE INSTITUTE & JOHN WAYNE CANCER INSTITUTE
Through collaboration with the John Wayne Cancer Institute, PNI physicians conduct translational research, clinical trials, continuing medical education as well as neurosurgical fellowship training.

Learn more about endoscopic pituitary surgery at: https://www.youtube.com/watch?v=UJIqKqpq6X0

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2121 Santa Monica Blvd., Santa Monica, CA 90404 • 310.829.5511 • www.Providence.org/Stjohns