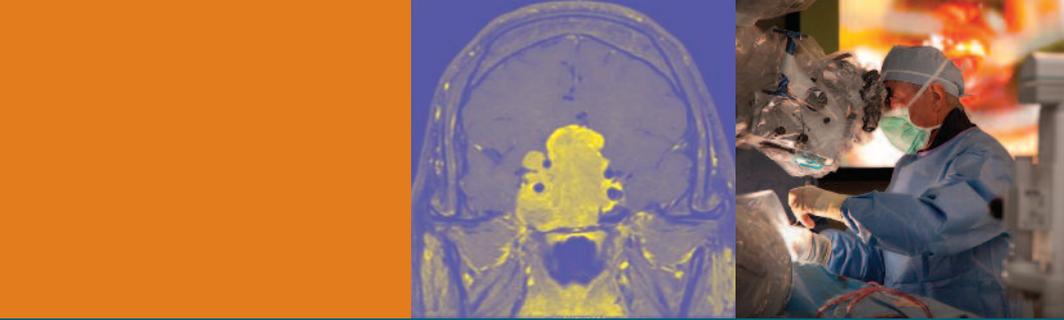


THE  
PITUITARY  
CENTER  
AT BARROW  
NEUROLOGICAL INSTITUTE



St. Joseph's Hospital  
and Medical Center.  
A Dignity Health Member

# THE PITUITARY CENTER AT BARROW NEUROLOGICAL INSTITUTE

The Pituitary Center at Barrow Neurological Institute provides comprehensive care in a multidisciplinary approach to patients with disorders of the pituitary, hypothalamus, sella, and skull base. Established in 2007, The Pituitary Center is comprised of an experienced multi-disciplinary team of doctors and nurses that combine medical and surgical expertise to offer patients with pituitary disease the highest and most advanced level of care. Physicians at The Pituitary Center have treated over 2000 patients with pituitary and skull-based tumors over the past 20 years. The team emphasizes state-of-the-art technology, research, and minimally invasive surgical techniques to improve patient outcomes, comfort, and reduce the length of hospital stay.

## COMMON PITUITARY DISORDERS TREATED AT THE PITUITARY CENTER

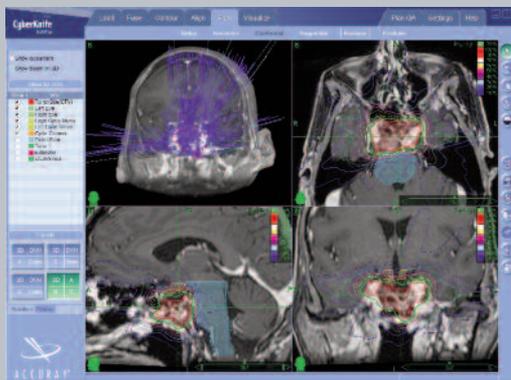
- Pituitary adenomas – including micro and macroadenomas
- Hormone producing tumors – Cushing’s Disease, Acromegaly, Prolactinoma
- Pituitary apoplexy
- Radiation induced hypopituitarism
- Craniopharyngioma
- Rathke’s cleft cyst
- Lymphocytic hypophysitis
- Meningioma
- Germ cell tumors



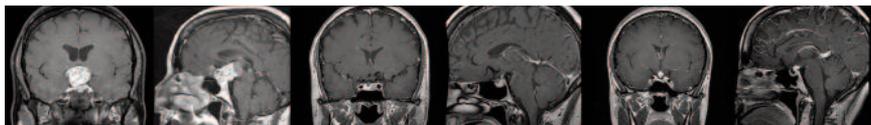
Pictured: Dr Andrew Little who specializes in minimally invasive endoscopic surgery for pituitary tumors.

## TREATMENT

Treatment is determined by the size and type of tumor, hormone function or dysfunction, symptoms, previous treatment, associated conditions, and patient preference. At The Pituitary Center, a multi-disciplinary team of



CyberKnife Stereotactic Radiosurgery treatment planning for a pituitary tumor invading the cavernous sinus.



These MRI images are of a Rathke's Cleft Cyst, pituitary adenomas and pituitary stalk lesion.

surgeons and medical specialists evaluate the treatment of each patient. Treatment may involve medication, surgery, radiation treatment/surgery, and/or observation. Our team of physicians also specialize in minimally invasive approaches to treatment such as transnasal transsphenoidal approach, expanded endoscopic endonasal surgery, and stereotactic radiosurgery (i.e., Gamma Knife or CyberKnife).

## RESEARCH

One goal of The Pituitary Center is to investigate new frontiers in pituitary disease. From Phase 3 clinical trials of new medical treatments not yet available to the general public to developing knowledge of diseases and treatment of issues facing pituitary tumor patients, The Pituitary Center is vigorously involved in ongoing research. For example, The Barrow Pituitary Outcomes Project is enrolling patients to better understand the natural history of pituitary adenomas and the long-term outcomes of surgically and medically treated patients. Researchers are also designing ways to improve post-operative care and shorten hospital stays. Developing insight into the powerful role genetics may play in pituitary tumors is also a focus of study both on a molecular and clinical level.

## EDUCATIONAL PROGRAMS

The Pituitary Center and the Barrow Neurological Institute are proud to host educational programs for medical students, residents, fellows, and practicing physicians specifically interested in pituitary disorders. Monthly Neuroendocrine and Skull Base Conferences discuss challenging and rare patient cases. Other educational programs and rotations currently train physicians from the University of Arizona, Creighton University, St Joseph's Hospital and Medical Center, Phoenix Citywide Endocrinology & Metabolism Fellowship, and numerous international sites. The Institute also sponsors an active schedule of conferences and practical courses on neurological and neurosurgical topics. For more information on the educational curriculum at Barrow Neurological Institute go to [www.thebarrow.org/education](http://www.thebarrow.org/education).

# THE PITUITARY CENTER AT BARROW NEUROLOGICAL INSTITUTE TEAM



William L. White, MD  
Neurosurgeon  
Surgical Director



Laura Knecht, MD  
Endocrinologist  
Medical Director



Andrew S. Little, MD  
Neurosurgeon  
Assistant Director

Thomas Wolf, MD – Neuro-ophthalmologist  
Thomas McPhee, MD –  
Neuro-ophthalmologist  
Maggie Bobrowitz, RN, MBA -Neuroscience  
Program Coordinator  
Heidi Jahnke, RN - Clinical Research Nurse  
John Milligan, MD - Otolaryngologist  
Sharon Johnstone, MD –  
Neuro-ophthalmologist  
Steven W. Coons, MD – Neuro-pathologist

Jennifer Eschbacher, MD –  
Neuro-pathologist  
Joseph Heiserman, MD, PhD –  
Neuro-radiologist  
David Brachman, MD – Chairman,  
Radiation Oncology  
Emad Youseff, MD - Radiation Oncologist  
Heyoung McBride, MD - Radiation  
Oncologist  
George Prigatano, PhD – Neuro-psychologist

## HOW TO MAKE A REFERRAL

The Pituitary Center accepts most health insurance plans. Referrals may be made by contacting the program coordinator, or through the ResourceLink Referral Service.

## SECOND OPINION/CONSULTATION

The Pituitary Center team of specialists will gladly review patient cases. Films and case history may be faxed to the attention of Maggie Bobrowitz, RN, MBA at The Pituitary Center at Barrow Neurological Institute.

## CONTACT US

The Pituitary Center at Barrow Neurological Institute:

**ResourceLink: 1-800-227-7691**

**Program Coordinator:**

Maggie Bobrowitz, RN, MBA

Office: (602) 406-7585

Fax: (602) 728-9003

web: [www.thebarrow.com/pituitary](http://www.thebarrow.com/pituitary)

