

Rhinology/Endoscopic Sinus and Skull Base Surgery Fellowship University of Alberta

Fellowship Preceptor: Dr. Erin Wright, Director, Alberta Sinus Centre

Affiliated Faculty: Dr. Hadi Seikaly, Head and Neck Surgery
Dr. Jeffrey Harris, Head and Neck Surgery
Dr. Robert Broad, Neurosurgery
Dr. Redwan Moqbel, Director Pulmonary Research Group
Dr. Lisa Cameron, Pulmonary Research Group
Dr. Dean Befus, Pulmonary Research Group

Overall Goals:

Through your participation in the fellowship it is expected that you will:

- Develop an intimate expertise in providing comprehensive medical and surgical care of patients with chronic rhinosinusitis
- Actively participate in minimally invasive approaches to the skull base as part of a collaborative team including neurosurgery colleagues
- Participate and present multiple scientific research projects in areas such as clinical innovation, outcomes, and basic science research relating to rhinosinusitis

Schedule

The general structure of the fellowship will parallel Dr. Wright's schedule, which includes 2 full days per week in the outpatient clinic as well as 2 days per week in the operating theatre. The final day in the week will be allotted for academic, research, and enrichment activities as outlined below. Flexibility is anticipated for times when collaborative surgical cases are planned.

Location

There will be two main sites at which the fellowship activities will take place. The outpatient clinic is located at the University of Alberta Hospital. Major and collaborative surgical cases will also be performed at the University Hospital. Ambulatory and short stay cases will be performed at the Royal Alexandra Hospital. Both sites will be equipped with state of the art equipment including image guidance.

Specific Objectives

Outpatient Clinics

- Active participation in medical care of patients with chronic rhinosinusitis with emphasis on contemporary and ground-breaking therapies
- Development of in-depth expertise in post-operative debridement and outpatient endoscopic procedures including office polypectomy, minor revision procedures, turbinate reduction, endoscopic culture techniques, and biopsies.

Operative Experience

- Graduated independence in endoscopic sinus surgery commensurate with experience and demonstrated expertise
- Active participation in primary and revision endoscopic sinus surgical procedures
- Development of in-depth expertise in frontal recess and sphenoid and parasellar surgery
- Active participation in extended applications of endoscopic sinus surgery techniques including:
 - Endoscopic CSF fistula repair
 - Endoscopic encephalocele repair
 - Endoscopic orbital decompression
 - Endoscopic approaches for pituitary surgery
 - Resection of parasellar and anterior skull base tumours
 - Endoscopic management of sinonasal neoplasms

Anatomical Study

- In-depth review and study of complex sinonasal anatomy
- Hands-on endoscopic dissection of cadaveric specimens with focus on extended applications of endoscopic techniques including:
 - Frontal sinus
 - Pterygomaxillary/infratemporal space
 - Sella/clivus region
 - Anterior fossa skull base

Research

- Active development of at least one research project for which you will be personally responsible
- Active participation in ongoing or collaborative projects within the division of Otolaryngology or related Departments including:

- Clinical or therapeutic trials
- Outcomes research in rhinosinusitis
- Basic science of rhinosinusitis in collaboration with the Pulmonary Research Group

Teaching

- Active participation in the teaching of medical students, Otolaryngology trainees, and allied health personnel
- Participation in the Canadian Otolaryngology Resident Sinus Surgery Course as lecturer and laboratory supervisor (course held annually in July)

The fellowship is designed for duration of 1 year to begin July 1 and run to June 30. A generous salary will be offered with arrangements dependent on potential for licensure in the Province of Alberta.

Revised June 10, 2007