

General Surgery Endocrine Surgery Fellowship

Duration:	One Year
Site(s):	Foothills Medical Centre, Alberta Children's Hospital
Program Director:	Dr. Caitlin Yeo
Preceptors:	Dr. Adrian Harvey Dr. Samantha Wolfe Dr. Lloyd Mack

Summary:

This program is dedicated to meeting the American Association of Endocrine Surgery's objectives in endocrine surgery. The program will provide advanced training in the field of endocrine surgery including parathyroid, thyroid, adrenal and gastroenteropancreatic neuroendocrine tumors. This includes not only the technical surgical aspects, but the pathophysiology of these diseases, the work up, the surgical indications, and the follow-up. The program will provide an environment that fosters both education and research in the field of endocrine surgery and provides the groundwork for a career in academic or community surgery depending on the trainee's interests. Upon completion the candidate will be competent in providing advanced surgical oncological care in the field of endocrine surgery to their institution. The fellow will be expected to attend Endocrine Surgery University (ESU), and the AAES and IAES meetings, with funding assistance provided.

Objectives:

- By the end of the fellowship the trainee should demonstrate the ability to comprehensively assess endocrine surgical patients, including the use of office-based procedures including ultrasound, laryngoscopy, and FNA.
- By the end of the fellowship the trainee should possess the knowledge & skills to independently perform appropriate surgical management of endocrine surgical patients, in more rare procedures with lower volumes the program acknowledges that transition to practice may require mentorship at the fellows' eventual practice.
- By the completion of the fellowship the trainee should be comfortable with patient case presentation for discussion at multi-disciplinary rounds. The trainee should be able to identify complex patients appropriate for such discussion.

Clinical:

- 42 weeks of clinical endocrine surgery: Drs. Yeo/Harvey/Wolfe – rotation of clinic and OR will be discussed and organized each week to maximize exposure to endocrine surgery cases. 3-4 OR days per week, 7 half-day clinics per week, including 1 half-day dedicated GEPNET clinic at the ACCC per week. Surgical NET clinics include the workup,

selection of patients for surgery, initiation of SSA therapy, and long-term follow-up of complex GEPNET patients.

- 2 weeks of endocrinology: Drs. Ghaznavi/Kline/Leung – clinical exposure to the work up, management, and follow up of thyroid cancer and endocrine hypertension patients. This includes selection and counselling of patients for RAI therapy.
- 2 weeks of endocrine pathology: Drs. Khalil, Hycza, Koro – endocrine specific pathology rotation combined with the endocrinology medicine fellows.
- 1 week of radiology: Drs. Chan, Wright – exposure to nuclear medicine radiology for exposure to Gallium Dotatate scan procedure and reading. Exposure to adrenal vein sampling procedures with interventional radiology.
- 1 week elective/optional medical oncology: exposure to neuroendocrine medical oncology including selection and counselling of patients for PRRT and systemic therapy.
- 4 weeks elective/optional hepatobiliary: Drs Dixon/Sutherland/Driedger – exposure to advanced HPB cases can be arranged depending on the trainee's interest
- 4 weeks: Vacation
- 1 week: Conference
- On-Call Duty: 2 days per month general surgery senior resident level call to maintain general surgical skills.
- Option to apply for a second year to complete the Royal College of Canada Surgical Oncology accredited program (must meet program match requirements, and with the permission of the program director and funding).

Rounds:

- Scheduled teaching sessions
 - Endocrine Surgery Fellowship Rounds – weekly, Monday AM
 - Surgical Oncology Rounds – weekly, Wednesday AM
 - General Surgery QA Rounds – weekly, Friday AM
 - City Wide Surgical Rounds – monthly, Friday AM
 - Surgical Oncology/Endocrine Surgery Journal Club – quarterly
 - Endocrine Teaching Rounds – weekly, Friday PM
 - Endocrine Surgery University – annual, prior to AAES meeting
- Multi-disciplinary tumor boards
 - Thyroid Tumor Boards – q2 weeks, Thursday AM
 - Neuroendocrine Tumor Boards – q2 weeks, Tuesday Noon
 - Hereditary Tumor Boards – quarterly, Wednesday AM

Research:

- A research project(s) is a mandatory component of the Fellowship. There are opportunities for basic science and clinical research and a project will be selected by each Fellow with the guidance of the Program Director and Fellowship Preceptors.
- Basics of research course will be provided by the Office of Surgical Fellowship and the fellow will be required to present at the Annual Surgical Fellows Research Symposium.

- The fellow will have completed a minimum of one publication worthy research project to be submitted to a national or international meeting (ideally the AAES, IAES, ACS, NPSA or CSA). A second publication (chapter, review article, or case report) is also an expectation to be submitted for peer-review before the completion of the fellowship. Funding is available for conference attendance/presentation. If considerable interest in research is expressed during the first clinical year, the fellow may elect (with the permission of the program director and funding) to extend the fellowship 6-12 months to pursue research interests that might clearly advance their career interests. This will be solely at the discretion of the program.

Eligibility Requirements:

- Must have completed, or be completing, a Royal College of Physicians & Surgeons of Canada (or the equivalent) accredited residency program in General Surgery.
- Must be eligible for an Educational or Independent license to practice medicine by the College of Physicians & Surgeons of Alberta.
- If prospective fellows have done their medical school outside of an English-speaking country, candidates must complete their IELTS (International English Language Testing System) academic version and submit it with their application. Please refer to <https://cpsa.ca/physicians/registration/apply-to-practise/english-language-proficiency/> for more information.
- Fellows are required to meet Canada's immigration laws and other requirements in regard to obtaining a work permit.

Application Requirements:

- Curriculum vitae
- Three letters of reference
- Letter of intent

Application Process:

- American Association of Endocrine Surgeons (AAES) matched Fellowship.
- Interested applicants are asked to apply online at the AAES match link below.
- For more information, please contact the Office of Surgical Fellowship.

MATCH LINK:

[Apply Online](#)