



Queen's  
UNIVERSITY

# Medical Oncology



## Educational Program

The two-year program is structured to meet the objectives and specialty training requirements in Medical Oncology established by the Royal College of Physicians and Surgeons of Canada (RCPC) and to allow eligibility for the examination leading to the Certificate of Special Competence in Medical Oncology.



## YEAR 1

The first year of the training program consists of core oncology rotations including:

- Medical Oncology
- Hematology (2 blocks)
- Radiation Oncology (2 blocks)

The majority of the clinical experience in Medical Oncology takes place in the outpatient setting. Residents are assigned to tumour-specific sites and spend two to three block rotations attending and participating in these clinics during the first year. Residents are also be involved in providing in-patient consultation services according to the site-specific rotation.

## YEAR 2

The second year of training includes:

- Medical Oncology
- In-patient rotations (2 -3 blocks)
- Palliative Care (1 block)
- Research and other electives (up to 7 blocks)

During the in-patient rotations, the resident acts as a Junior Consultant on the ward working with Internal Medicine residents and with attending staff back up.

Numerous educational opportunities are available for residents. A weekly Academic Half Day is mandatory and residents are relieved of clinical responsibilities during this time.

Standard topics including specific disease site information, pharmacology, basic science, bio-statistics, ethics, and palliative and psychosocial aspects of care are covered. Joint sessions with Radiation Oncology residents are provided. Participation in multidisciplinary rounds, grand rounds, and journal clubs is expected.

Residents are expected to complete a research project during their two years of training. A quality assurance project is also mandatory. Guidance is provided to help in the selection of an appropriate project. Liaison with mentors from Queen's Cancer Research Institute is available to assist with development and execution of research ideas.



### YEAR 3

The Medical Oncology Division also offers a three-year Medical Oncology Training Program to those interested in obtaining additional clinical research experience. This is based on the core two-year program required by the RCPC with a third year including coursework in clinical epidemiology and an opportunity to gain clinical trial experience with the National Cancer Institute of Canada Clinical Trials Group (NCIC-CTG). This third fellowship year allows residents to work directly with researchers at the NCIC-CTG and become involved in different stages of clinical trial development from trial design to data collection and analysis. This is a unique opportunity for trainees to work with an internationally recognized research organization and to gain practical experience in the conduct of Phase I, II and III clinical trials.





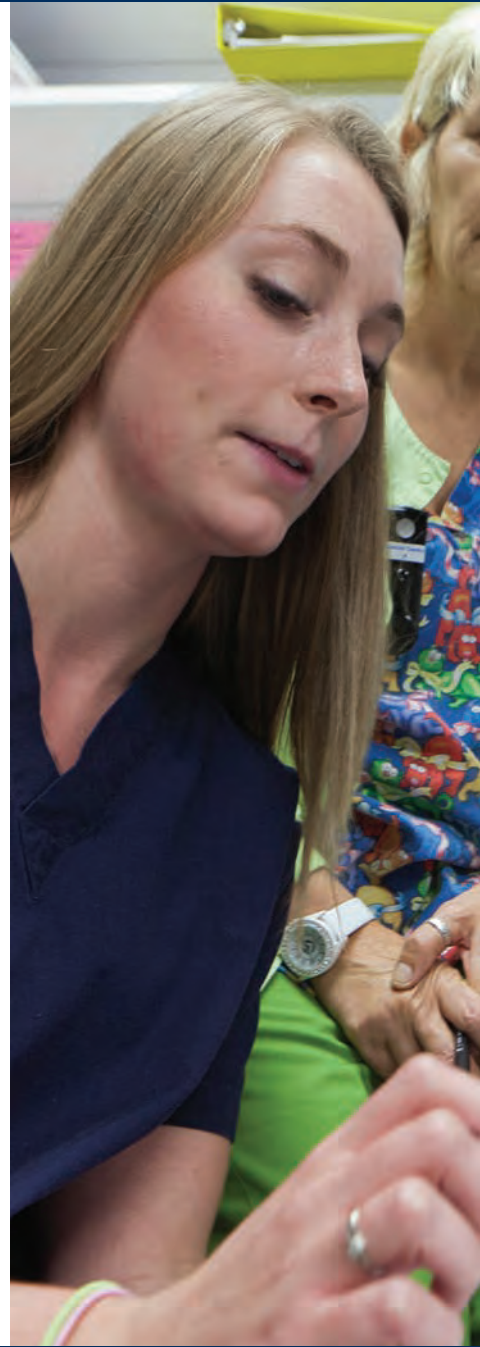
## Research

The program is committed to providing a wide range of research opportunities for residents. A research mentor is assigned to residents on entry into the program and residents are expected to have at least one research project underway by the second year.

One of the strong assets of the research component of the program is access to several internationally renowned cancer research groups based at the Queen's Cancer Research Institute (QCRI). Several members of these groups are also members of the Medical Oncology department.

The Division of Cancer Care and Epidemiology at QCRI is a cancer health services research unit comprised of clinician-scientists, epidemiologists, and biostatisticians. This multidisciplinary research group evaluates access to cancer services, the management and outcome of cancer in the general population, and public policy related to cancer prevention and treatment.

NCIC Clinical Trials Group (NCIC CTG) is a national research group that develops, conducts, and analyses multi-institutional trials of cancer therapy. Residents are encouraged to participate in the clinical research activities/meetings of the NCIC-CTG. This Queen's University based group is internationally recognized for its expertise in the design, conduct and analysis of Phase I, II and III clinical studies. The group has extensive experience in research pertaining to quality of life, clinical trials methodology, and the economic analysis of cancer therapies. Members of this group participate in the clinical and educational activities of the Cancer Centre and are a willing resource for residents.







## Kingston General Hospital

Kingston General Hospital (KGH) is a community of people dedicated to transforming the patient and family experience through innovative and collaborative approaches to care, knowledge and leadership. As southeastern Ontario's leading centre for complex-acute and specialty care, KGH serves almost 500,000 regional residents through its Kingston facility and 24 regional affiliate and satellite sites. Fully affiliated with Queen's University, this 427-bed research and teaching hospital is home to 2,400 health-care students and 160 health researchers. To learn more, visit [www.kgh.on.ca](http://www.kgh.on.ca).

Patients with oncologic conditions requiring hospital admission are admitted to the Hematology Oncology service at KGH. This is a joint service that provides care for patients with both hematological and oncologic conditions. The unit consists of thirteen beds and is supervised by an attending physician from one of the above specialties. The primary care of patients is shared by residents, a General Practitioner in Oncology, and attending staff. Residents are involved in inpatient care throughout the year as well as during their Junior Attending rotation and when on call.



**DEPARTMENT OF ONCOLOGY**

Queen's University  
Cancer Centre of Southeastern Ontario  
25 King Street West  
Kingston, Ontario K7L 5P9  
613.544.2630

[meds.queensu.ca/oncology](https://meds.queensu.ca/oncology)