

**Goals & Objectives CanMEDS**  
**Rotation: Community Hospital Elective**

**Royal Columbian Hospital**  
**330 E. Columbia Street, New Westminster BC, V3L 3W7**

**Rotation Length:** 1 Month

**Level:** PGY 4-5

**Rotation Supervisor:** Dr. Vishal Anand

Royal Columbian Hospital is located in New Westminster and serves as the tertiary care hospital for the Fraser Health Authority, the largest Health Region in the province with a population of over 1.6 million. The hospital is a trauma centre and is fully represented by specialties including emergency medicine, orthopaedics, pediatrics, cardiac services, OB/GYN, vascular surgery, GI/general surgery and neurosciences. The hospital has over 400 acute beds including ICU, CCU, and SCN wards plus has one of the busiest emergency and labour/delivery departments. The Royal Columbian Hospital Radiology Department also supplies imaging services to the Fraser Valley Centre of the BC Cancer Agency.

The Royal Columbian Hospital radiologists provide services to Eagle Ridge Hospital in Port Moody and a private office in Coquitlam. Eagle Ridge Hospital is a community hospital offering primary and secondary services to Port Moody, Coquitlam and Port Coquitlam. It has 90 acute and 75 long term care beds with a busy emergency department and is an orthopaedic and ENT site for the region. The private office, MedRay Imaging, is a new facility opened in 2005 located centrally in Coquitlam adjacent to Coquitlam Centre.

At RCH, there are two multi-detector (a 64-slice and a 256-slice dual source) CT scanners. A great variety of CT studies are performed daily including CT brain perfusion, coronary CT, CT colonography, and CTA. The two MRI units are 1.5T with the capability of performing a large volume of MRA, breast, cardiac and abdominal studies in addition to neuroradiology and MSK cases. The ultrasound department is active in obstetrical scanning including amniocentesis and high-risk assessment by a perinatologist. Neonatal head scanning and ultrasound-guided interventions are also performed. The angio/interventional department has a state-of-the-art Philips angiography machine with 3D rotational capability and Flat Panel technology. A second room has a Philips multipurpose unit. A large range of angiographic and non-vascular diagnostic and interventional procedures are performed daily at RCH. A comprehensive breast diagnostic and interventional imaging department also operates at RCH.

Eagle Ridge Hospital currently offers fluoroscopy, CT, ultrasound and CR. The CT scanner is a 64-slice unit. The private office performs digital radiography, ultrasound, bone densitometry, diagnostic and screening mammography as well as private MRI.

Both Royal Columbian and Eagle Ridge Hospitals use GE Centricity PACS, which is linked to all sites in the Fraser Health Authority.

There are 16 full time radiologists with various fellowship training and/or subspecialty experience such as MRI, cardiac/chest imaging, abdominal imaging, breast imaging, vascular/interventional radiology, pediatrics, and neuroradiology. Drs. Gary Sidhu and Fred Chen will supervise the elective.

The resident is not expected to take call and will be excused early should he/she have to take call at the teaching hospitals. The resident will also be excused on post-call days and for any resident rounds/functions.

The resident will be based primarily at Royal Columbian but will also have exposure to the MedRay and Eagle Ridge Hospital.

At Royal Columbian Hospital, the resident will rotate through the various areas of the department. The resident is encouraged to participate fully during the rotation. The exact structure of the rotation can be varied to accommodate the resident's wishes. The amount of hands-on experience such as angiography, body/breast/spine interventional procedures, will depend on the comfort level of the resident and supervisor.

While at RCH, there is a formal Radiology rounds once per week (Thursday noon) and informal "interesting case" rounds daily. The resident should also participate at various monthly rounds including ultrasound, breast, G.I./General Surgery, and neurosciences.

The following are the Goals and Objectives of the Royal Columbian Hospital General Radiology elective:

**Medical Expert:**

- *Demonstrate diagnostic and therapeutic skills for ethical and effective patient care*
- *Access and apply relevant information to clinical practice*
- *Demonstrate effective consultation services with respect to patient care, education and legal opinions*

**Communicator:**

- *establish therapeutic relationship with patients/families*
- *obtain and synthesize relevant history from patients/families/communities*
- *listen effectively*
- *discuss appropriate information with patients/families and the health care team*
- *relay important findings to clinicians in a timely manner*

**Collaborator**

- *consult effectively with other physicians and health care professionals*
- *contribute effectively to other interdisciplinary team activities*

**LEADER ROLE:**

- *Implement processes to ensure personal practice improvement*
- *Set priorities and manage time to integrate practice and personal life*
- *Apply the science of quality improvement (ie discussion of potential audit) to contribute to improving*

- systems of patient care
- Contribute to a culture that promotes patient safety, including recognition of patient safety issues, and utilization of health informatics to improve patient safety
- Demonstrate leadership skills to enhance health care
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### **Health Advocate**

- *identify the important determinants of health affecting patients*
- *contribute effectively to improved health of patients and communities*
- *recognize and respond to those issues where advocacy is appropriate*

### **Scholar**

- *develop, implement and monitor a personal continuing education strategy*
- *critically appraise sources of medical information*
- *facilitate learning of patients, house staff/students and other health professionals*
- *contribute to development of new knowledge*

### **Professional**

- *deliver highest quality care with integrity, honesty and compassion*
- *exhibit appropriate personal and interpersonal professional behaviours*
- *practice medicine ethically consistent with obligations of a physician*