

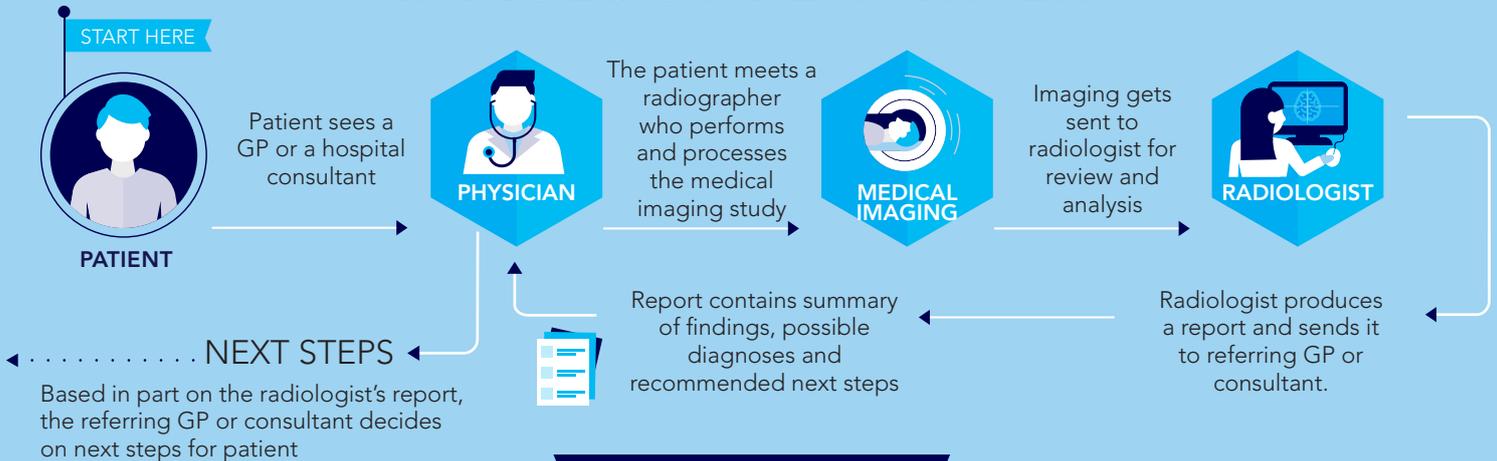
WHO ARE THE RADIOLOGY TEAM?

THE RADIOLOGY TEAM ARE HEALTHCARE PROFESSIONALS COMPRISED OF SPECIALIST DOCTORS, RADIOGRAPHERS, NURSES, MEDICAL PHYSICISTS, HEALTHCARE ASSISTANTS AND ADMINISTRATIVE STAFF WHO PLAY A KEY ROLE IN PATIENT CARE.

If you've undergone an exam or procedure using imaging such as MRI, CT, ultrasound, nuclear medicine or mammography, then the radiology team have been part of your diagnosis or treatment.



PATIENT JOURNEY THROUGH THE RADIOLOGY DEPARTMENT



DID YOU KNOW

- Diagnostic Radiologists** are specialist doctors trained in interpreting medical imaging. **Interventional Radiologists** are doctors who perform procedures and biopsies inside the body, with imaging guidance and tiny incisions.
- The **Radiographer** is part of a team of specially trained professionals who perform the imaging study and may become specialised in a particular imaging modality such as CT, MRI, Nuclear Medicine or Ultrasound.
- Radiology nurses** have a detailed knowledge of procedures and equipment to assist in performing procedures safely.
- The **medical physicists** are responsible for ensuring that all our hi-tech machines are running normally and our patients get the lowest amount of radiation possible.

5 WAYS RADIOLOGY TEAMS HELP PATIENTS

- 1** Find abnormalities such as tumours and heart disease
- 2** Screen for breast, colon, lung and other cancers
- 3** Treat conditions using minimally invasive procedures guided by imaging
- 4** Conduct image-guided biopsies
- 5** Ensure safe use of radiation



RADIOLOGY LETS US SEE INSIDE THE BODY

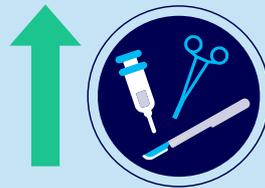
Radiology is fundamental to modern medicine because imaging is used to diagnose and treat many diseases and conditions. Radiology allows doctors to see inside the body, virtually eliminating the need for exploratory surgery.

THE RADIOLOGY TEAM IMPROVE PATIENT CARE THROUGH:



ENHANCED DIAGNOSIS

Early diagnosis of diseases increases the likelihood of full recovery.
Breast cancer screening programs allow radiologists to identify cancers at their earliest stage, using mammography.



MINIMALLY-INVASIVE BIOPSIES AND TREATMENT

Interventional Radiologists perform biopsies through tiny incisions in the skin; deliver specific treatments inside blood vessels including treatments to stop bleeding and shrink tumours; place long-term venous access devices; and perform additional treatments inside body cavities using tiny incisions and sedation - avoiding surgery!
This means quicker recovery times and less time in hospital.



REDUCED FINANCIAL IMPACT

Treating early-stage diseases reduces treatment costs. PACS networks allow long term storage of patient imaging studies, which may be accessible across different hospital sites, producing efficiency in patient care.
Minimally-invasive surgeries and IR procedures are less costly than traditional surgeries.

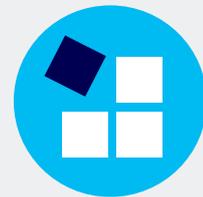
THE RADIOLOGIST IS THE DOCTOR WHO:



Analyses your images to make a diagnosis



Communicates the findings to your referring physician



Contributes to your treatment plan

And we also have obligations for Teaching and Research, Administration and Continued Professional Development.



RCSI FACULTY OF RADIOLOGISTS



Canadian Association of Radiologists
L'Association canadienne des radiologistes

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Disclaimer: This information has been simplified and is not meant to replace medical advice. Please contact your physician with specific medical questions or for a referral to a radiologist or other physician