Radiologists are doctors who play a key role in patient care. If you’ve undergone an exam or procedure using imaging, such as MRI, CT, ultrasound, or mammography, then a radiologist has been part of your diagnosis or treatment.

WHO ARE RADIOLOGISTS and how do they help patients?

- MRI
- CT
- PET
- ULTRASOUND
- MAMMOGRAPHY
- X-RAY

RADIOLOGISTS IMPROVE PATIENT CARE THROUGH:

- ENHANCED DIAGNOSIS
- MINIMALLY-INVASIVE BIOPSIES AND TREATMENT
- REDUCED FINANCIAL IMPACT

Early diagnosis of diseases reduces treatment costs. For example, some programs allow surgeons to perform minimally-invasive procedures guided by imaging.

Reducing the need for exploratory surgery means quicker recovery times, shorter hospital visits, and less time away from work. This decreases disruption to patients and their families.

Teleradiology links patients in remote areas and radiologists in city centers, allowing images to be analyzed off-site, and reducing the need to travel.

Minimally-invasive surgeries and IR procedures are less costly than traditional surgeries.

DID YOU KNOW?

The professional conducting the imaging exam is an imaging technologist. Radiologists are the physicians who specialize in interpreting results of imaging exams. Family physicians and other specialists turn to radiologists for consultation on the safest and most appropriate exam.

The majority of radiologists have at least 14 years of postgraduate education.

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.

5 WAYS RADIOLOGISTS HELP PATIENTS

1. Determine indications for breast and other cancers.
2. Show for breast, colon, lung, and other cancers.
3. Treat conditions using minimally-invasive procedures guided by imaging.
4. Conduct image-guided biopsies.
5. Share facts about radiation.

PATIENT JOURNEY through diagnostic imaging

Patient sees family doctor or specialist

Based in part on the radiologist’s report, the referring physician decides on next steps for patient

Physician sends patient for medical imaging

Imaging results get sent to radiologist for review and analysis

Radiologist produces a report and sends it to referring physician

Does this medical imaging test need to be done?

If so, does it need to be repeated?

Is there anything we need to be aware of?

Is the imaging safe?

Is there something suspicious?

Is there a diagnosis?

Analyse your images to make a diagnosis

Communicate the findings to your referring physician

Contribute to your treatment plan

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On average, radiologists spend their time:

1. Imaging care for patients
2. Teaching
3. Administration
4. Contributing to your professional education
5. Research
6. 67% Teaching
7. 14% Administration
8. 7% Contributing to professional education
9. 3% Research
10. 1% Other

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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.