



Radiology



Questions for discussion: discuss with your partner or in groups and make notes

Who works in the radiology department?

What tests are performed in the radiology department?

What are the responsibilities of the radiology department?

What role does radiology play out side of the hospital?

Key words for the article on radiology:

bony structures

CT scans

department

diagnose

diagnostic

disease

fields

imaging

interventional

MRI scans

physicians

procedures

radiation

radiologists

radiology

soft tissue

specialty

therapy

treat

ultrasound

x-rays



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Read the article below and as best you can discuss and explain the contents to your partner so that your partner will be able to answer the follow-up questions.

Radiology is a medical specialty that uses images to diagnose disease. In the hospital the radiology department is often one of the first places physicians turn to for diagnosis. Physicians that specialize in radiology are called radiologists. Radiology is divided up into several fields.

- Diagnostic radiology uses imaging to diagnose disease.
- Interventional radiology uses imaging to guide procedures.
- Radiation therapy uses radiation to treat diseases.

The radiology department provides many services in the hospital. Some include the following:

- X-rays, which are used to evaluate bony structures and soft tissue.
- CT scans, which use x-rays and computers to make 3-D images of soft tissues.
- Ultrasounds, which are used to see soft tissue structures in real time, without dangerous radiation.
- MRI scans, which give the best images of soft tissue structures, but patients must stay still for very long periods.



Questions about the article: *Radiology*

1. What do radiologists use to diagnose diseases?
2. What are some radiology fields?
3. What are 3 tests the radiology department provides?
4. What is an advantage of ultrasounds?
5. What are the advantages and disadvantages of MRI scans?



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Follow up to the article: *Radiology*

1. What are the primary responsibilities of the radiology department?
2. How does this description differ from the radiology department in your country/hospital?
3. Can you think of any other services provided by the radiology department?
4. If you were going to rewrite this article, what information would you add or remove?

Your summary of the article: *Radiology*

Verbally explain, without the article, what the radiology department provides, what some of the tests are, and any other useful information. Use the space below to make notes on anything you are having difficulty expressing
