



جامعة الإمام عبد الرحمن بن فيصل  
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# Interventional Radiology



## What is interventional radiology?

Interventional radiology is a subspecialty of diagnostic radiology that aims to diagnose and treat diseases by using the latest technologies available at the present time for the purpose of reducing patient risks and improving the quality of health outcomes.

These procedures have fewer risks, and it is less recovery time compared to surgeries.



# What is the difference between interventional radiology and surgical procedures?

In surgical operations, the surgeon makes a large incision under general anesthesia to identify the problem and treat it, and the surgeon may have to remove the .entire organ



# What is the difference between interventional radiology and surgical procedures?

An interventional radiologist utilizes images guidelines to organs inside the body and identify the problem and treat it through an incision in the skin of no more than 2 mm length with fine tubes and wires without any general anesthesia and without any need to remove the organ.



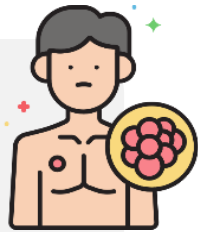
# What are the advantages of interventional radiology compared to surgery?

- Return to normal life in a short period
- One day operation and often the patient leaves on the same day
- Less recovery period
- Lowest complication rate
- Less dangerous for the patient
- It is also considered safer for the patient's life and less pain than surgery
- No need for general anesthesia



## What are the uses of interventional radiology?

It is used as an alternative treatment for treating some diseases such as fibroids, aneurysm, varicocele, and diabetic foot.



It is used as a complementary treatment in some or during surgeries to control some side effects such as bleeding.



It is used as a conservative treatment in certain cases, such as the presence of bone ache (bone pain) resulting from certain tumors, and it is used as a conservative treatment for pain.



**References:**

Illustration pictures are taken from

<https://www.freepik.com/>

**Reviewed by:**

Radiologists of KFHU.



## Health Awareness Unit

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