



جامعة الإمام عبد الرحمن بن فيصل  
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

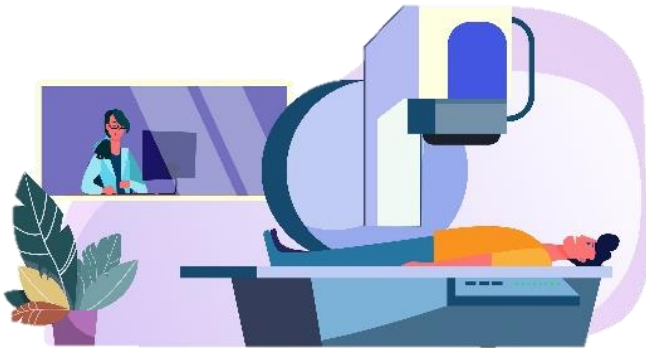
مستشفى الملك فهد الجامعي  
King Fahad Hospital The University

## CT Scan



## What is CT scan?

A computerized tomography scan (CT or CAT scan) uses computers and rotating X-ray machines to create cross-sectional images of the body.



## What are the precautionary measures before performing this procedure?

- Conducting a blood test and evaluating kidney function if the test is using contrast material.



- If you suffer from asthma, chest allergy, or sensitivity to iodine. You will be prescribed medication to reduce any complications may result from using contrast material.



- Make sure there is no pregnancy before the date of the procedure.



## Why Is a CT scan Performed?

A CT scan has many uses, but it's particularly well-suited for diagnosing diseases and evaluating injuries. The imaging technique can help your doctor:

- Diagnose infections, muscle disorders, and bone fractures.
- pinpoint the location of masses and tumors (including cancer)
- Study the blood vessels and other internal structures.
- Assess the extent of internal injuries and internal bleeding.



## Why Is a CT scan Performed?

- Guide procedures, such as surgeries and biopsies.
- Monitor the effectiveness of treatments for certain medical conditions, including cancer and heart disease.



## What are the preparations required for such procedure?

- Not to eat and drink for 4 hours before the examination.



- Wearing comfortable, spacious clothes free of metal parts and leaving all your valuables at home.



- Arrive 30 minutes before the appointment to prepare and fill out the approval form for the CT scan with the dye, if the examination requires this.



## What are the preparations required for such procedure?

- If you feel itching or a rash after the dye, you must go to the emergency department directly.



- It is advised to drink extra fluids during the rest of the day to help the body expel the dye.



- If you are diabetic and are taking Glucophage medicine, you should stop taking the medicine for two days



Audit & Review:

This brochure content was reviewed by radiology department of  
KFHU.





## Health Awareness Unit

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