

Department of Diagnostic Radiology
College of Applied Medical Sciences
University of Hail

Laboratories

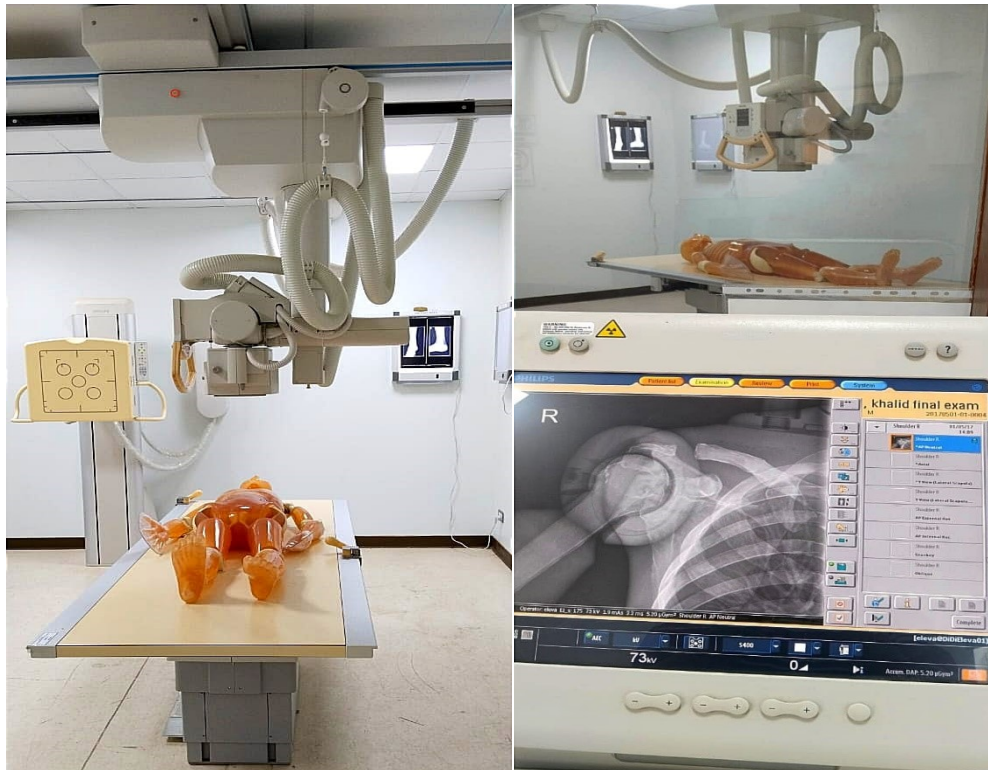
X-RAY LAB

ROOM 7018

EQUIPMENT: PHILIPS DIGITALDIAGNOST

An x-ray machine sends individual x-ray waves through the body. The images are recorded on a computer or film. Structures that are dense (such as bone) will block most of the x-ray waves, and will appear white. Metal and contrast media (special dye used to highlight areas of the body) will also appear white.

To produce an X-ray picture, an X-ray machine produces a very concentrated beam of electrons known as X-ray photons. This beam travels through the air, comes into contact with our body tissues, and produces an image on a x-ray film.



Ultrasound Lab

Room 7019

Equipment: ge logiq/hitachi ultrasound

A ultrasound machine makes images so that organs inside the body can be examined. The machine sends out high-frequency sound waves, which reflect off body structures. A computer receives the waves and uses them to create a picture. Unlike with an x-ray or CT scan, this test does not use ionizing radiation.

