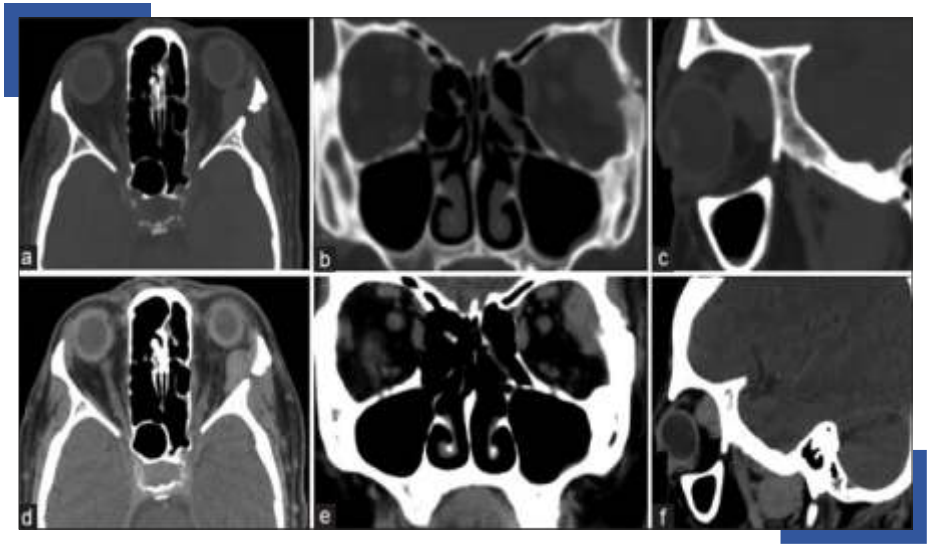
MOLECULAR
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Understanding
CT Orbit (Axial + Coronal)



What is CT Orbit (Axial + Coronal)?

CT Orbit (Axial + Coronal) is a type of computed tomography that makes use of X-rays to create images of the orbits or eye sockets. With the use of axial and coronal views, it enables the evaluation of the anatomical structures of the orbital bones, eye position, and adjacent tissues. A contrast medium is usually not administered during this scan.

Why is it Performed?

The CT scan test is done to look for fractures, foreign bodies, misalignment, bone deformation, and other issues in the orbits. Besides, the scan can help determine the cause of eye pain, eye swelling, or orbital irregularity.

Preparation

- Inform the imaging team if you are pregnant or think you may be pregnant.
- Carry your prescription and previous imaging reports, if available.
- Remove spectacles, earrings, and other metal objects around the head and face.
- Inform the staff about any recent eye injury, previous surgery, or relevant medical conditions.

Procedure

The procedure involves lying down on a table as the machine takes pictures of the eye sockets from different angles. It is a simple scan that can be done without the administration of contrast medium. You should remain still during the scan to avoid blurring of images. The length of the procedure varies depending on the instructions of the imaging facility.

Important Instructions

- Keep your head still during image acquisition.
- Inform the staff if you feel uncomfortable or have difficulty maintaining the required position.
- Share details of any recent eye injury or previous surgery.

Safety Precautions

Since the scan exposes one to radiation, the amount should be limited to the lowest possible while attaining diagnostic images. If pregnant or could be pregnant, one should inform the radiologist. One should avoid pressing on the eyeball if there is an eye injury and consult a doctor.

When to Seek Medical Attention?

Seek emergency care or call an ambulance if one experiences eye pain, double vision, abrupt loss of vision, or eye swelling. Also, seek medical attention when an accidental injury to the eye occurs. The results of the CT scan test should be interpreted by a physician together with your symptoms and medical history. Molecular Diagnostics and Therapy assist you in every step of the process.