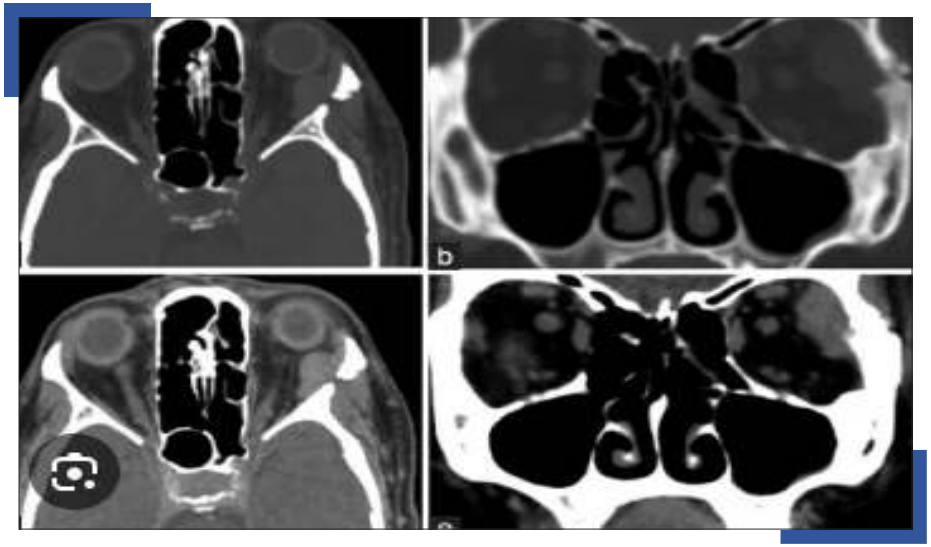
MOLECULAR
DIAGNOSTICS AND THERAPY
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Understanding
CT Orbit Axial – Plain



What is CT Orbit Axial – Plain?

CT Orbit Axial – Plain is a computed tomography examination that uses X-rays to produce detailed images of the eye sockets, or orbits. An axial view is used to assess the orbital bones, eye position, orbital soft tissues, and other structures.

Why is it Performed?

This procedure may be performed to evaluate an orbital injury, fracture, foreign body, abnormality in the orbital bones, or abnormality in tissues around the eyes. It may also be performed to investigate a cause of eye pain, swelling, or bulging of one or both eyes based on clinical assessment.

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

You will be positioned on a table which may roll through the CT scanner as pictures are taken. Images will be captured of the eye sockets in an axial plane. You will be asked to remain as still as possible during the procedure. A contrast injection is not generally required for this scan. The time taken will depend on the imaging protocol.

Important Instructions

- Keep your head still during image acquisition.
- Inform the staff if you experience discomfort or have difficulty remaining in position.
- Share details of any recent eye injury or previous surgery.

Safety Precautions

As this procedure involves exposure to radiation, the imaging team will take all precautions to limit the amount of radiation, whilst still obtaining the information required for diagnosis. You should advise the team if you think you may be pregnant. If you have an injury to the eye, the team will advise you as to how to position yourself to avoid putting pressure on the globe of the eye.

When to Seek Medical Attention?

One should seek emergency medical assistance if one feels numbness or tingling around the arms and legs or other unusual sensations. Some patients report severe complications after the administration of the contrast medium. For instance, one could experience difficulty in breathing or face and throat swelling. Molecular Diagnostics and Therapy stands ready to help and offer the required recommendations before, during, and after the procedure to ensure that one does not experience any complications while undergoing the scanning procedure.