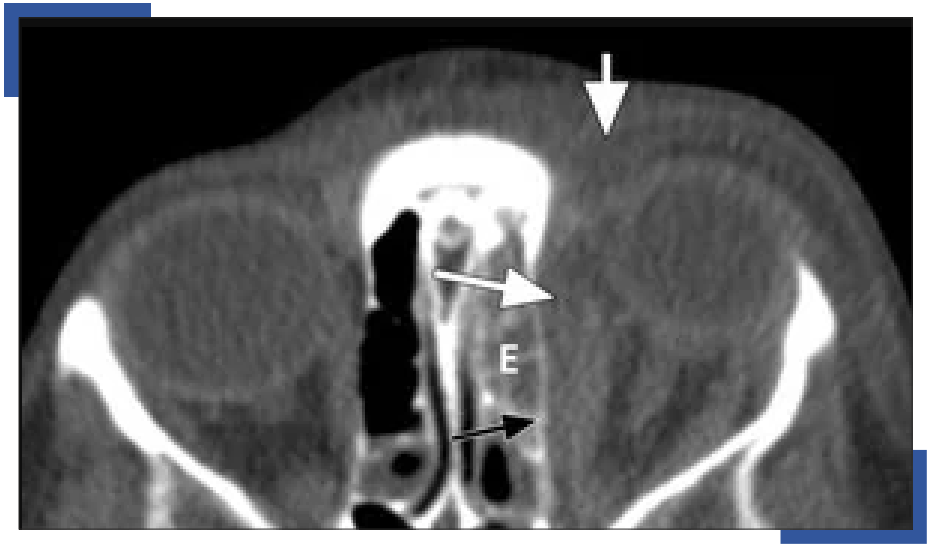
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Understanding
What is CECT Orbit Axial



What is CECT Orbit Axial?

CECT Orbit Axial is a Contrast-enhanced computed tomography that makes use of X-rays and an iodine-based contrast medium to create images of the eye socket, bones, tissues, and structures around it. An axial image is a horizontal cross-sectional image of the body part.

Why is it Performed?

A scan for the eyes is done to examine the tissues and bones surrounding the eye socket. Contrast-enhanced computed tomography is used to determine the spread and nature of infection, injury, or any other abnormal fluid or mass in the tissue.

Preparation

- Inform the imaging team if you are pregnant or think you may be pregnant.
- Report any kidney disease, thyroid condition, allergies, or previous reactions to contrast agents.
- Share details of your current medicines, previous eye surgery, and relevant medical history.
- Carry previous scans and medical reports, if available.

Procedure

You will be asked to lie on a table as the axial images of the eyes are taken. A contrast medium will be administered intravenously to improve the visibility of some tissues and blood vessels. You may feel warm or a metallic taste in your mouth. It is recommended to stay in position until the scan is done.

Important Instructions

- Keep your head still during image acquisition.
- Inform the staff if you feel uncomfortable during the scan or contrast injection.
- Do not stop prescribed medicines unless advised by your doctor.

Safety Precautions

The scan involves exposure to X-ray radiation and iodine contrast medium. Notify the technician if there is a chance that you could be pregnant, have a history of kidney or thyroid issues, or have had an adverse reaction to a contrast medium previously. They will determine if you are a good candidate for the scan procedure.

When to Seek Medical Attention?

There are several complications that may arise, such as discomfort and pressure in and around the eyes, changes in vision, or even swelling. In addition, if you experience difficulty breathing and facial swelling after the injection, get emergency care right away. The results of the scan should be analyzed by a specialist in combination with your symptoms and medical history. Molecular Diagnostics and Therapy can assist throughout the procedure.