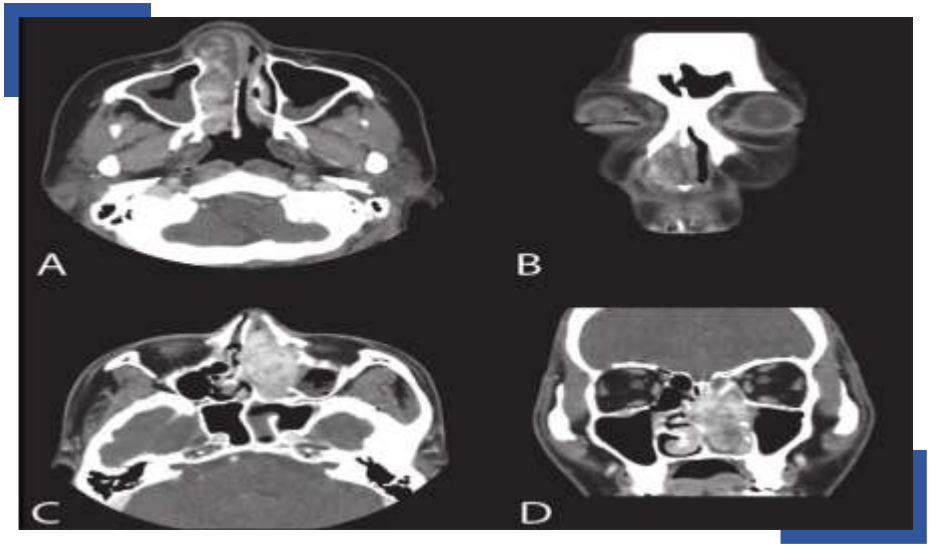
MOLECULAR
DIAGNOSTICS AND THERAPY
...where technology meets patient care

Ghaziabad: Plot No 14 & 15, Block P, Sector 23, Sanjay Nagar, Ghaziabad
Near ALT Bus Stand, Phone No.: +91-9217244110
info@molecularit.com www.molecularit.com

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Understanding
What is CECT Orbit (Axial + Coronal)



What is CECT Orbit (Axial + Coronal)

CECT orbit (axial + coronal) is a contrast-enhanced computed tomography that makes use of X-rays and iodine dye to produce detailed images of the eye socket, skull bone, and other anatomical structures. The test entails taking axial and coronal pictures of the orbit region to assess the orbit and the surrounding tissues for abnormalities.

Why is it Performed?

This procedure is mainly done to detect any form of infection, inflammation, tumors, and eye injuries in the orbital tissues and structures. The scan is done after injection of a special dye to track fluid in the soft tissues around the eye to detect abnormalities.

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

The test takes place by placing the individual on a table for axial and coronal imaging of the orbital region. Next, a contrast medium will be administered intravenously so that the tissues and blood vessels can be captured clearly. You may experience a warm sensation and/or a metallic taste in the mouth. You need to remain still during this procedure. The procedure time depends on the type of test being 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

This scan procedure uses X-rays and contrast medium containing iodine dye. You should inform the technician if there is a possibility that you are pregnant or have a history of kidney disease, thyroid problems, or allergies to the dye. The technician will recommend against the procedure if the patient presents with any of the conditions listed above.

When to Seek Medical Attention?

Get emergency care if the painful sensation in the eye orbit region escalates suddenly and if there is an abrupt change in vision. Also, seek immediate medical intervention if you have problems with breathing or experience face and/or throat swelling as a result of an allergic reaction to the contrast medium. The findings should be evaluated by a certified physician in conjunction with the patient's symptoms and health history. Molecular Diagnostics and Therapy are available to assist and guide patients through the diagnosis and treatment process.