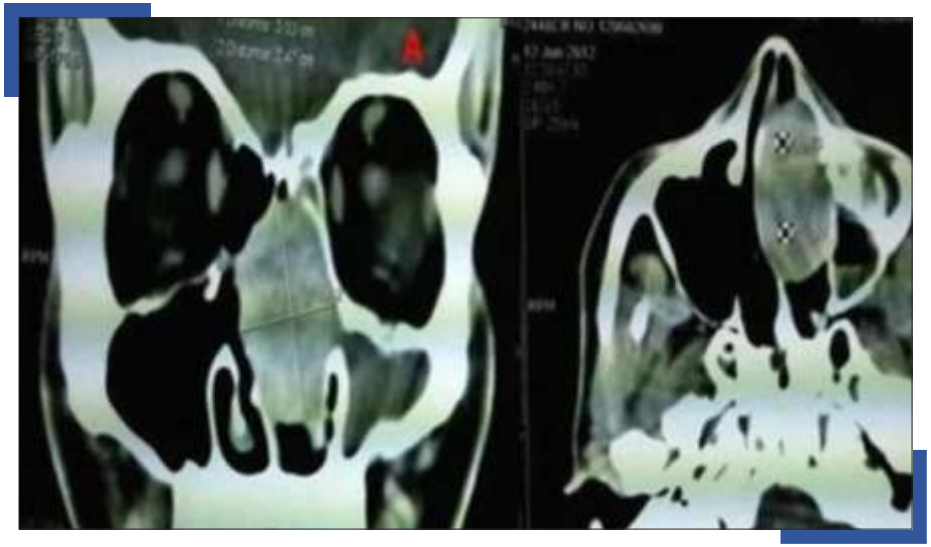
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Understanding
CECT PNS – Coronal



What is CECT PNS – Coronal?

Contrast-enhanced Computed Tomography (CECT) of the paranasal sinuses refers to an X-ray technique that uses a contrast medium to view inside the nasal sinuses. In coronal view, it is even possible to see the paranasal sinuses like frontal, maxillary, ethmoid and sphenoid, nasal passages, surrounding bone, and soft tissues.

Why is it Performed?

The scan is typically performed for complicated or suspected sinus diseases, sinus and some other tissue, and inflammatory diseases. Contrast enhancement can supply information regarding the degree of the lesion, involvement of other tissues and anatomical structures that are associated, which helps treat the patient and lead to a diagnosis

Preparation

- Inform the imaging team if you are pregnant or think you may be pregnant.
- Share details of your current medicines and relevant medical history.
- Carry previous scans and medical reports, if available.

Procedure

The images of the paranasal sinuses are obtained in the coronal plane on a scanning table in a prone position. Usually, another type of material, iodine material, is administered through an intravenous line to illuminate the region, tissue, and blood vessels. The patient is required to remain still during the scanning process for the production of quality images. The examination time depends on the imaging protocol.

Important Instructions

- Keep your head still while images are being captured.
- 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 examination involves exposure to X-rays and an iodine-based contrast agent. It is essential to inform the team regarding the possibility of pregnancy, kidney disease, thyroid problems, or allergic reactions to contrast materials in the past before the scan. The imaging team will review the potential risks and benefits of contrast medium administration.

When to Seek Medical Attention?

If you are suffering from continuous discomfort or painful sensations in the face, frequent blockage in the nose, and recurring sinus infections, it is best to consult a physician. On the flip side, if the swelling occurs around eyes, change in vision, severe headache, and high-grade fever occurs, you need to seek emergency care immediately. If the client's symptoms include difficulty breathing or swelling of the face and/or throat after receiving the contrast medium, it is a life-threatening situation. The results of the scan need to be discussed; other symptoms and medical history, if any, should be disclosed to a health care expert. Molecular Diagnostics and Therapy assist in the diagnostic procedure.