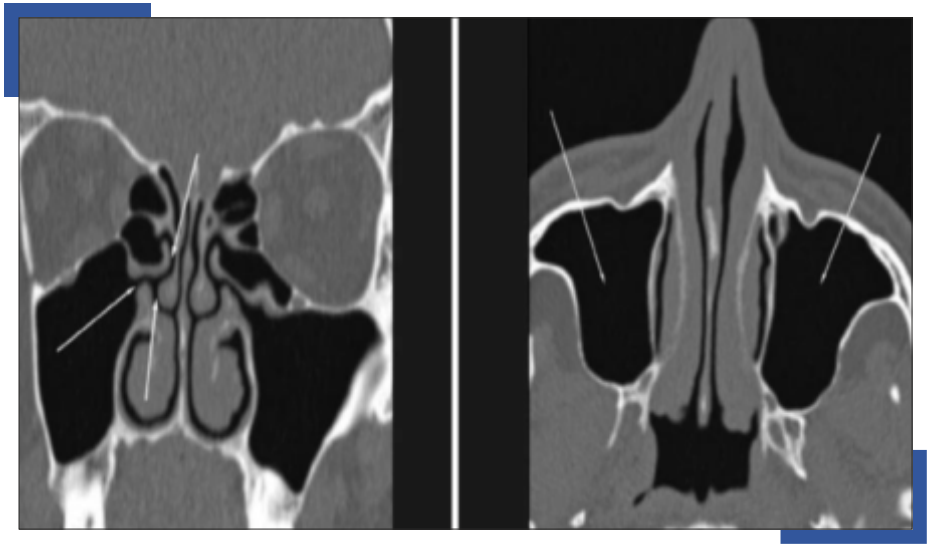
MOLECULAR
DIAGNOSTICS AND THERAPY
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Understanding
CT PNS (Axial + Coronal) – Plain



What is CT PNS (Axial + Coronal) – Plain?

CT PNS (Paranasal Sinuses) is a type of CT scan that uses X-rays to capture a picture of the internal structure of the body. The CT PNS Axial and coronal views are used to view the frontal, maxillary, ethmoid, and sphenoid sinuses, nasal passages, and bones from different directions.

Why is it Performed?

The axial and coronal paranasal sinuses CT scan is performed to check for chronic sinusitis, sinus infection, nasal passage obstruction, nasal polyps, inflammation, and issues with the sinuses. CT scan of the paranasal sinuses in axial and coronal planes is also done to observe the drainage of the sinuses and examine the nasal cavity and sinus area's anatomy for any surgical or medicinal treatment.

Preparation

- Carry your prescription and previous sinus scans or medical reports, if available.
- Remove earrings, nose rings, spectacles, and other metal objects around the head and face.
- Inform the staff about recent facial injuries or relevant medical conditions.

Procedure

The procedure involves positioning the patient on a scanning table as the CT machine takes axial and coronal pictures of the paranasal sinuses. The images obtained with the CT axial scan procedure provide a clear view of the frontal, maxillary, ethmoid, and sphenoid sinuses, nasal passages, and the surrounding bones. The patient is asked to remain still during the scanning procedure for accurate results. Usually, a contrast medium is not administered for a plain CT scan. The duration of the scan depends on the imaging facility and technique.

Important Instructions

- Keep your head still during scanning.
- Inform the staff if you feel uncomfortable during the examination.
- Share previous imaging reports with the team, if available.

Safety Precautions

CT scan exposes the patient to radiation; therefore, the dose utilized is the lowest possible without compromising the image quality. The patient must inform the radiologist if there is a possibility of pregnancy. The imaging technique should be performed based on the physician's recommendation and the patient's condition.

When to Seek Medical Attention?

A doctor should be visited if someone suffers from continuous pain in their face or nasal obstruction. It is essential to get emergency treatment if the person has eye swelling with a change in vision, a severe headache, or a high-grade fever. The test result should be evaluated by the physician according to the patient's symptoms and medical history. Molecular Diagnostics and Therapy will help you understand your report and provide reliable information about your current health status.