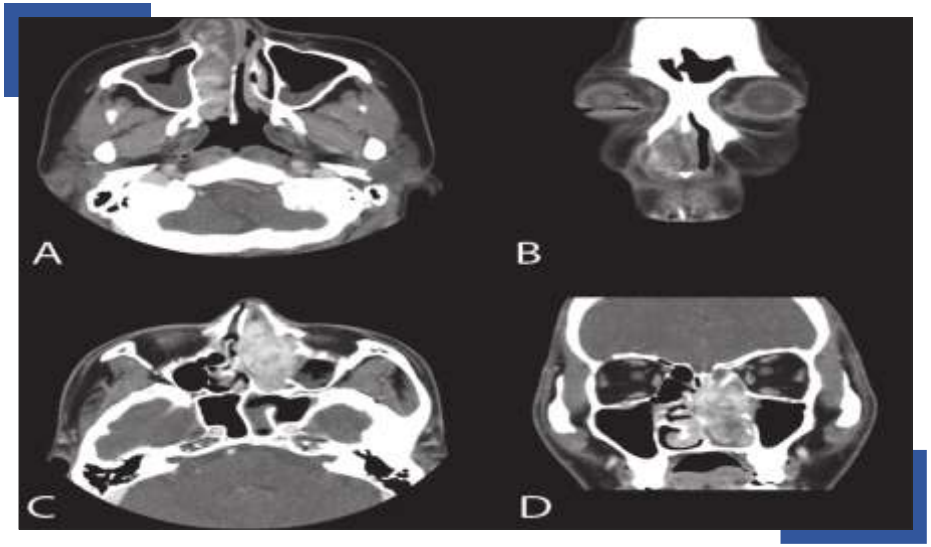
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Understanding
CT PNS Plain (Axial and Coronal)



What is CT PNS Plain (Axial and Coronal)?

A CT PNS, or CT paranasal scan, generates axial and coronal plane images with the aid of X-rays. This test visualizes the frontal, maxillary, ethmoid, and sphenoid sinuses, nasal passages, and nasal bones.

Why is it Performed?

The CT scan of paranasal sinuses helps study chronic/ recurrent sinusitis, nasal obstruction, nasal polyps, sinus infection and inflammation, anatomical abnormalities of the sinuses, and abnormal drainage of the sinuses. Further, this test determines the treatment line of management if sinus surgery becomes inevitable.

Preparation

- Inform the imaging team if you are pregnant or think you may be pregnant.
- 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 lying down in a horizontal position as the CT scanner revolves around your body slowly to capture the axial and coronal plane images of the paranasal sinuses. The scanning process follows specific scanning sequences to capture detailed images. Remain still during the scanning process to avoid unclear images. Since this is a plain CT scan, a contrast medium may not be injected. The test duration depends on the instructions provided.

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

A CT scan procedure makes use of X-ray beams, and your radiation exposure should be minimal. Hence, you must inform the technician if you are or could be pregnant. Moreover, a CT scan should be performed only on a physician's recommendation.

When to Seek Medical Attention?

Seek emergency medical care if you experience swelling around the eyes with visual aberrations, painful pressure in the face, and severe headaches with high-grade fevers. You must consult a physician for persistent blurring of vision, nasal stuffiness or blockage, recurrent or chronic sinus infection, and eye pain. The images acquired from a CT scan of the paranasal sinuses must be interpreted by a physician to determine the underlying medical condition. Molecular Diagnostics and Therapy provide expert advice throughout the treatment process.