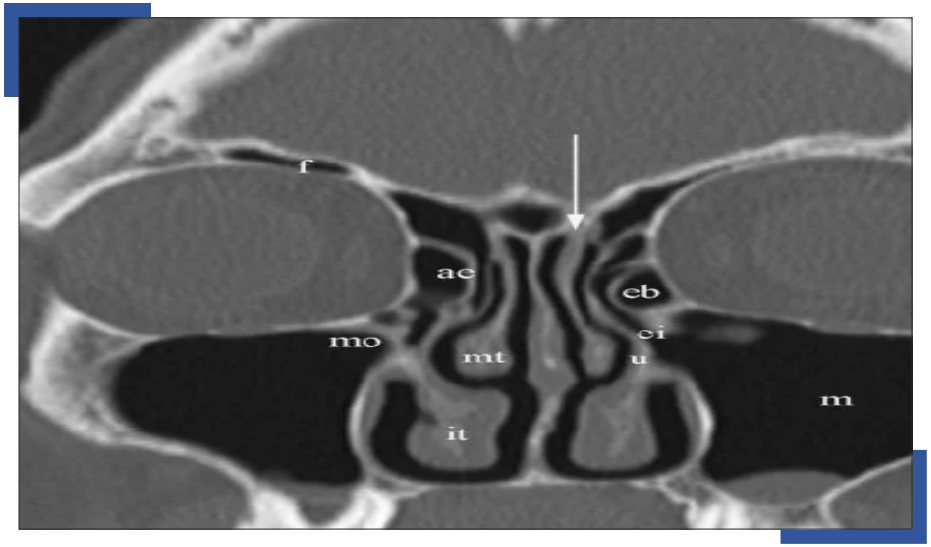
MOLECULAR
DIAGNOSTICS AND THERAPY
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Understanding
CT PNS – Coronal – Plain



What is CT PNS – Coronal – Plain?

CT PNS stands for Paranasal Sinuses, and it is a tomography study that uses narrow X-ray beams to form an image of the paranasal sinuses. The X-ray beam shines in a coronal direction and slices the body into sections that the CT scan then reconstructs.

Why is it Performed?

The CT scan of the paranasal sinuses can aid in managing chronic sinusitis, sinus obstruction, sinus infection, nasal polyps, sinus inflammation, and abnormalities. In addition, it helps determine the drainage of the sinuses and examine the nasal cavity's structure. CT PNS scan may be done to obtain further information about the problem, to have a clear picture of the issue, and to provide effective treatment, especially if previous treatments are not working.

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 any recent facial injury or relevant medical history.

Procedure

The patient is placed on a table according to the instructions provided by the imaging team. CT PNS scan procedure requires X-ray tubes to capture images of the paranasal sinuses. It is a plain scan; a contrast medium is rarely administered to enhance the images. However, the procedure might take longer depending on instructions.

Important Instructions

- Keep your head still while images are being captured.
- Inform the staff if you feel uncomfortable during the examination.
- Share previous imaging reports with the team, if available.
- Follow any additional instructions provided after the scan.

Safety Precautions

CT scans expose people to radiation; however, the risk is small because the dosage is minimal during the scanning process. It is advisable to alert the imaging team if there is a possibility of being pregnant, since they will take special care. The tests are carried out under the guidelines and recommendations of a physician.

When to Seek Medical Attention?

One should seek emergency medical help if there is a sudden change in circumstances, for example, eye swelling with visual disturbances, abrupt severe headaches, and high-grade fever. The doctor will interpret the results and review the images to provide an accurate diagnosis. For more information regarding the condition, one can discuss it with Molecular Diagnostics and Therapy to get recommendations.