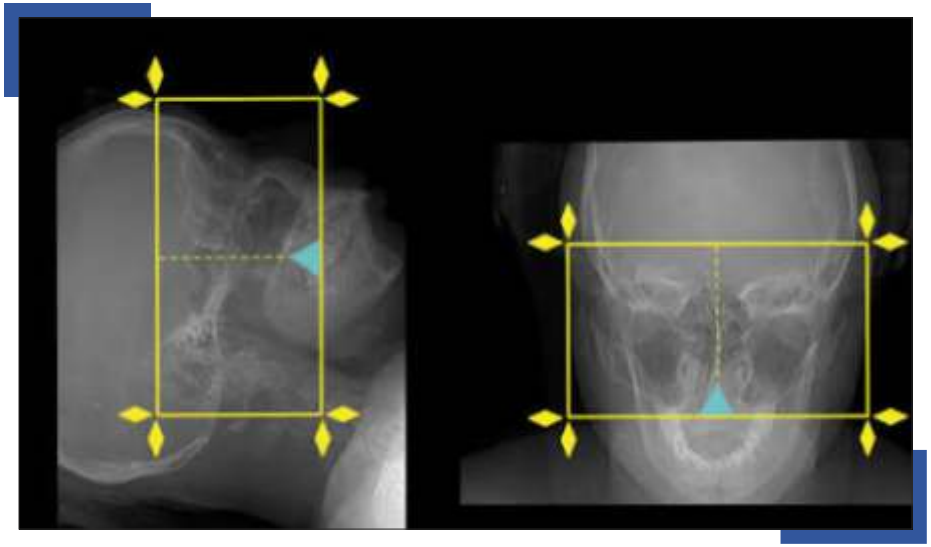
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Understanding
CT Orbit Coronal – Plain



What is CT Orbit Coronal – Plain?

CT Orbit Coronal – Plain is a computed tomography (CT) examination that uses X-ray beams to capture images of the orbits or eye sockets. In this particular view, the coronal plane is imaged, which allows for visualizing the front and back of the orbit. Thus, CT scans of the eyes can show the bones of the orbit, eye sockets, and associated soft tissues. This diagnostic test is performed without contrast medium.

Why is it Performed?

CT Orbit Coronal – Plain can be used to evaluate various indications, such as orbital fractures, foreign bodies, deformities, and soft tissue swelling. In addition, the test can be used to determine the cause of eye pain, eye protrusion, injuries, and other abnormalities.

Preparation

- Inform the imaging team if you are pregnant or think you may be pregnant.
- Carry your prescription and previous imaging reports, if available.
- Remove spectacles, earrings, and other metal objects around the head and face.
- Inform the staff about any recent eye injury, previous surgery, or relevant medical conditions.

Procedure

For the scan, the patient is placed on a table according to the instructions of the imaging staff. Then, the CT scanner takes coronal images of the orbital cavities, enabling a cross-sectional view of the eye sockets. The patient is advised to remain motionless during the procedure. As it is a plain scan, no contrast medium is used. The duration of the scan depends on the settings of the equipment.

Important Instructions

- Keep your head still during image acquisition.
- Inform the staff if you feel uncomfortable or have difficulty maintaining the required position.
- Share details of any recent eye injury or previous surgery.

Safety Precautions

CT scans involve radiation, and the amount of exposure is limited to the minimum necessary for diagnostic purposes. Pregnant women should inform the imaging staff of their condition before the scan. The patient should avoid pressing on the injured eye if it is suspected or diagnosed. In case of an injury, it is important to follow all the post-trauma care instructions provided by the specialist.

When to Seek Medical Attention?

Patients should seek immediate medical assistance in case of sudden changes in vision, painful eyesight, double vision, or eye swelling after an injury. Moreover, in case of injury, ophthalmic intervention is necessary if the patient notices any of the symptoms mentioned above. The results of CT Orbit Coronal – Plain should be examined by a professional physician and evaluated together with the patient's overall condition. Molecular Diagnostics and Therapy offers its specialists' expertise in diagnosing patients' conditions.