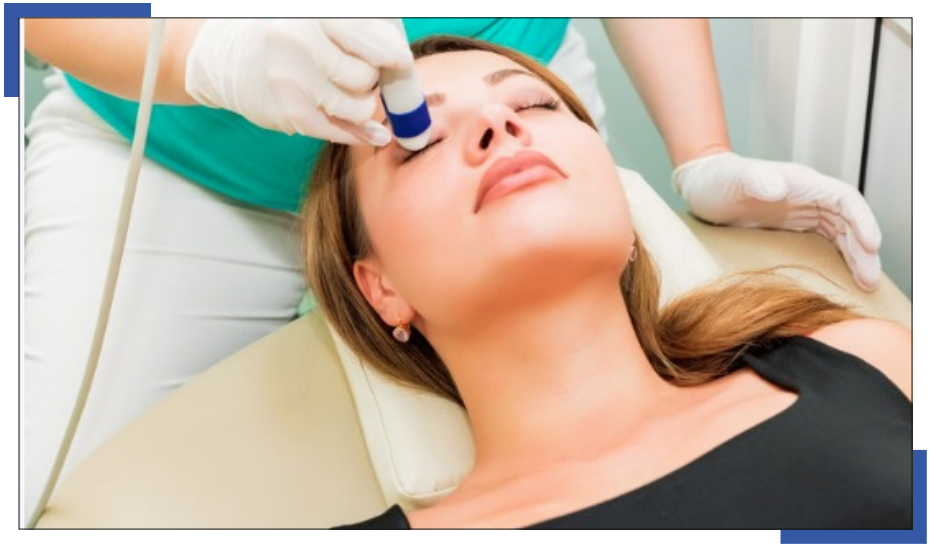
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Understanding
Ultrasound Eye or Orbit



What is an Ultrasound Eye or Orbit?

A non-invasive imaging test that evaluates the tissues behind the orbit is called an ultrasound eye or Orbit. It does not require ionising radiation and produces 'live images' by using high-frequency sound waves. It examines the eye, surrounding eye tissues, and the area behind the eye.

Why is it Performed?

Eye or orbit ultrasound is recommended if you have pain in the eye, swelling, vision problems, injury, or other abnormalities. It is useful in evaluating abnormal collections of fluid or masses, abnormalities in the eye, or other conditions inside the orbit. Findings are analyzed in conjunction with symptoms, previous history, and other tests of the patient.

Preparation

- Fasting is generally not required unless advised.
- Inform the medical team about medicines and relevant medical conditions.
- Bring previous eye examination, ultrasound, CT, MRI, or other reports if available.
- Follow any specific instructions provided before the examination.

Procedure

The patient is placed in a comfortable position for the scan. A special gel that is used in ultrasound is applied, and the ultrasound probe is carefully positioned over the closed eyelid or around the eye to get the images. There is no radiation or pain during the procedure.

Important Instructions

- Follow all instructions provided by the ultrasound team.
- Keep the eyes relaxed and remain still during the examination.
- Inform the sonologist if you experience discomfort.
- Provide details of medicines and relevant medical conditions.
- Bring previous reports for comparison when available.

Safety Precautions

Ultrasound Eye or Orbit is a diagnostic scan that uses sound waves to produce images of the eye and surrounding orbital structures. It does not use ionising radiation and is generally considered safe when performed with appropriate settings and precautions. At Molecular Diagnostics and Therapy, the scan is carried out by our experienced team using proper techniques to obtain clear and reliable imaging.

When to Seek Medical Attention?

If sudden loss of vision, severe eye pain, significant eye injury, rapidly increasing swelling, or other sudden changes in the eye are experienced, seek medical attention. In Molecular Diagnostics and Therapy, an ultrasound eye or Orbital examination is carried out by trained experts in a way that ensures accurate images, safety for patients, and comfort to patients.