MOLECULAR
DIAGNOSTICS AND THERAPY
...where technology meets patient care

Ghaziabad: Plot No 14 & 15, Block P, Sector 23, Sanjay Nagar, Ghaziabad
Near ALT Bus Stand, Phone No.: +91-9217244110
info@molecularit.com www.molecularit.com

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Understanding
USG Chest



What is a USG Chest?

USG Chest is an ultrasound study of the chest, particularly the fluid in the lungs, chest wall, and pleura. It uses sound waves to create images in real time without ionising radiation.

Why is it Performed?

USG Chest is suggested to identify chest pain, respiratory symptoms, pleural fluid accumulation, chest wall deformities, or other physical or radiological (X-ray) findings. It aid to determine fluid collections and other abnormalities that should be evaluated further.

Preparation

- Fasting is generally not required unless advised.
- Inform the medical team about your medicines and relevant medical conditions.
- Bring previous X-rays, CT scans, ultrasound, or other reports if available.
- Wear comfortable clothing that allows easy access to the chest.

Procedure

The ultrasound gel is placed on the appropriate area, and the sonologist moves the ultrasound probe over the chest gently. In real time, the images are taken based on examination needs. This is a painless and radiation-free process.

Important Instructions

- Follow all instructions provided by the ultrasound team.
- Remain still and follow breathing instructions during imaging.
- Inform the sonologist if you experience discomfort.
- Provide details of medicines and relevant medical conditions.
- Bring previous reports for comparison when available.

Safety Precautions

USG Chest uses ultrasound waves that do not contain ionising radiation. It is done under the supervision of a trained medical team. Inform your medical staff if you are experiencing something unusual before the scan.

When to Seek Medical Attention?

If you are experiencing severe pain, breathing problems, high fever, or other symptoms that cause worry, then you should seek professional help. The USG Chest is done at Molecular Diagnostics and Therapy in the presence of a trained professional, with emphasis on accuracy and the comfort of the patient.