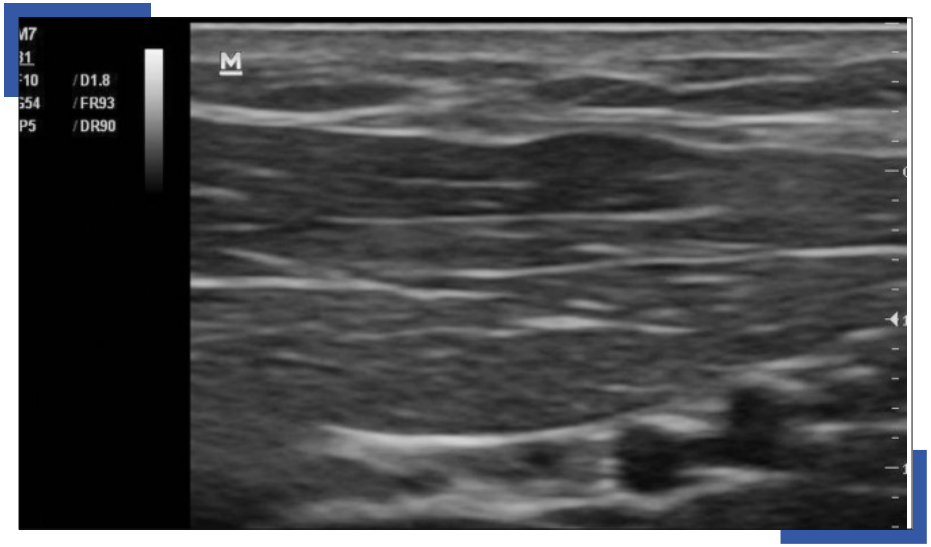
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Ghaziabad: Plot No 14 & 15, Block P, Sector 23, Sanjay Nagar, Ghaziabad
Near ALT Bus Stand, Phone No.: +91-9217244110
info@molecularit.com www.molecularit.com

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Understanding
Ultrasound Soft Parts



What is Ultrasound Soft Parts?

Ultrasound Soft Parts is a non-invasive imaging test that is used to assess soft tissues that lie under the skin. It uses ultrasound to image muscles, tendons, ligaments, subcutaneous tissues, superficial masses, cysts, and fluid collections in real time. It is a non-ionising radiation examination, which may be performed on various parts of the body, depending on the area where it is required.

Why is it Performed?

Ultrasound Soft Parts is used to check a lump, swelling, pain, tenderness, or an abnormality that is detected under the skin. It may help differentiate a solid lesion from lesions filled with fluid, and evaluate characteristics of a lesion you think is a cyst, abscess, lipoma, soft tissue inflammation, fluid collections, and some muscle and tendon abnormalities.

Preparation

- Wear comfortable clothing that allows easy access to the area being examined.
- Bring previous ultrasound, MRI, CT, or other relevant reports when available.
- Inform the healthcare professional about previous surgery, injury, or procedures involving the area.

Procedure

The patient is given a comfortable position for the body part being examined. A small amount of ultrasound gel is put on the skin, and the correct ultrasound probe is placed on the area of concern and slides gently around. The size, shape, internal characteristics, margins, and relationship of the abnormality to the adjacent tissues are evaluated by the radiologist or sonographer. If the need for evaluation of blood flow exists, Doppler can be used. The exam is generally painless, but may be slightly tender and uncomfortable if the area is painful.

Important Instructions

- Bring previous imaging reports for comparison when available.
- Inform the healthcare professional about recent trauma, surgery, or treatment in the area.
- Report pain or tenderness before the examination.
- Follow-up imaging or additional tests may be advised depending on the findings.

Safety Precautions

Ultrasound is a principle of sound waves unlike the use of ionising radiation. With proper and capable professionals, it's quite safe if it's well-executed. Generally performed without using contrast. The test is non-invasive and non-contrasted. However, ultrasound information may be necessary to support the clinical assessment and, if appropriate, other imaging and/or laboratory techniques.

When to Seek Medical Attention?

Seek medical assistance if the swelling or lump increases quickly, is very painful, is red or warm, is accompanied by a fever, or has occurred after a significant injury. Medical examination is indicated for sudden or unexpected soft tissue changes, or soft tissue changes that are not attributed to the bone structure. Molecular Diagnostics and Therapy provides ultrasound soft-tissue examinations while performing an appropriate imaging protocol, with trained medical supervision, assessment, patient safety, patient privacy, and patient comfort.