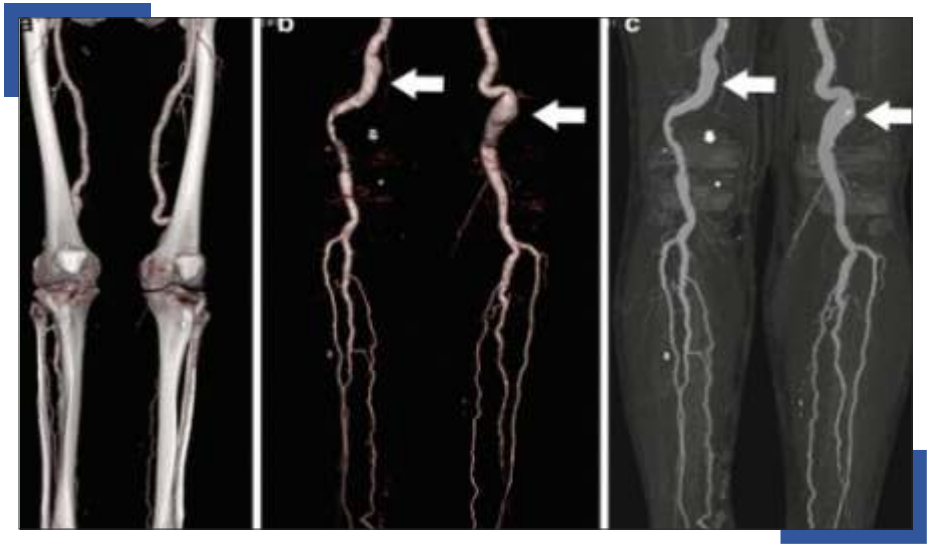
MOLECULAR
DIAGNOSTICS AND THERAPY
...where technology meets patient care

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

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



Understanding
CT Extremities/Limb (Each Part)



What is CT Extremities/Limb (Each Part)?

A CT scan of the extremities/limb is a specialised X-ray using computed tomography to provide detailed images of a specific part of either your arms or legs. Using computer software, this scan will generate cross-sectional images. These images provide detailed images of your bones, joints, and soft tissue. It can image a specific area of your body depending on the doctor's prescription. This can include your shoulder, arm, elbow, wrist, hand, hip, thigh, knee, lower leg, ankle and/or foot. Contrast can be used if required.

Why is it Performed?

This scan may be requested to help diagnose fractures, damage to bone, joint problems, bone lesions, infections and some soft tissue problems. It will help doctors view complex fractures, bone positioning, and any changes to your structure. The area scanned will depend on your symptoms.

Preparation

- Inform the imaging team if you are pregnant or think you may be pregnant.
- Tell the staff about any recent injury, surgery, or relevant medical condition.
- Inform the team if you have difficulty remaining still or positioning the affected limb.

Procedure

You will be asked to lie/sit in the correct position on the scanning table. The affected limb will be placed in the correct position. You may be moved along the CT scanner. You may be asked to stay as still as possible during the scan. Most standard CT scans of the limbs do not require contrast to be used however may be used if required.

Important Instructions

- Remove jewellery or metal objects near the area being examined, if requested.
- Do not move during image acquisition unless instructed.
- Do not stop prescribed medicines unless advised by your doctor.

Safety Precautions

As this is an X-ray, we will consider the amount of radiation you will be exposed to. If you have any chance of being pregnant, please let the imaging department know. If contrast is required, please let us know if you have any allergies or have had any reactions to contrast before. Or if you have any kidney/thyroid issues.

When to Seek Medical Attention?

If you are experiencing any long-term pain, swelling, stiffness, or difficulty using your limb, please seek medical advice. If you have suffered an injury and are experiencing severe pain, obvious deformity, numbness, or a very pale/cold limb, please seek urgent medical advice. Your scan will be analysed by a qualified specialist. They will take your symptoms and medical history into consideration. Molecular Diagnostics and Therapy can support and advise you throughout your diagnosis.