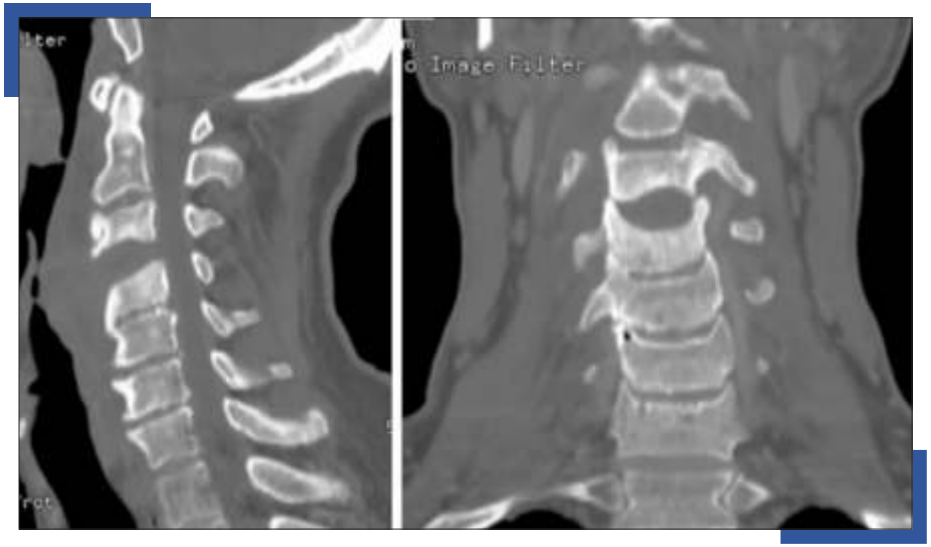
MOLECULAR
DIAGNOSTICS AND THERAPY
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Ghaziabad: Plot No 14 & 15, Block P, Sector 23, Sanjay Nagar, Ghaziabad
Near ALT Bus Stand, Phone No.: +91-9217244110
info@molecularit.com www.molecularit.com

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Understanding
CECT Cervical Spine – Limited Study



What is CECT Cervical Spine – Limited Study?

CECT Cervical Spine is a contrast-enhanced computed tomography of the cervical spine. It is a specialized X-ray technique that uses a specific dye to capture images of the vertebrae in the neck. Typically, a limited study visualizes six movable bones in the cervical region.

Why is it Performed?

The diagnostic exam is mainly done to capture photos of an infection, tumor, inflammation, and other irregularities in the upper vertebrae and the sensitive tissues around them. Additionally, the procedure is also beneficial in examining the extent of post-surgery and injury irregularities in the upper spine to come up with effective treatment options.

Preparation

- Inform the team if you are pregnant or think you may be pregnant.
- Report kidney, thyroid condition, allergies, or reactions to contrast agents.
- Share details of your current medicines, previous spinal surgery, and relevant medical history.
- Carry previous scans and medical reports, if available.

Procedure

The procedure involves a patient lying on a table as the X-ray machine rotates to capture the images of the targeted vertebrae. The contrast medium dye, which contains iodine, is also administered through an IV line. It helps clinicians to view specific tissues and blood vessels on the screen. The table will slowly move through the machine as the scan captures the needed images. As the procedure is ongoing, it is essential to remain calm and motionless as instructed to avoid

Important Instructions

- Keep your head and neck still during image acquisition.
- Inform the staff if you feel uncomfortable during the scan or contrast injection.
- Do not stop prescribed medicines unless advised by your doctor.
- Follow the team's post-scan instructions regarding fluids and normal activities.

Safety Precautions

As the scanning procedure involves radiation and iodine, it is essential to inform the technicians of any medical conditions beforehand. For example, one must note if one is pregnant or has kidney disease, thyroid problems, or a history of adverse reactions to contrast medium. The technicians might alter the procedure or cancel it to avoid severe health issues.

When to Seek Medical Attention?

One should seek emergency medical assistance if one feels numbness or tingling around the arms and legs or other unusual sensations. Some patients report severe complications after the administration of the contrast medium. For instance, one could experience difficulty in breathing or face and throat swelling. Molecular Diagnostics and Therapy stands ready to help and offer the required recommendations before, during, and after the procedure to ensure that one does not experience any complications while undergoing the scanning procedure.