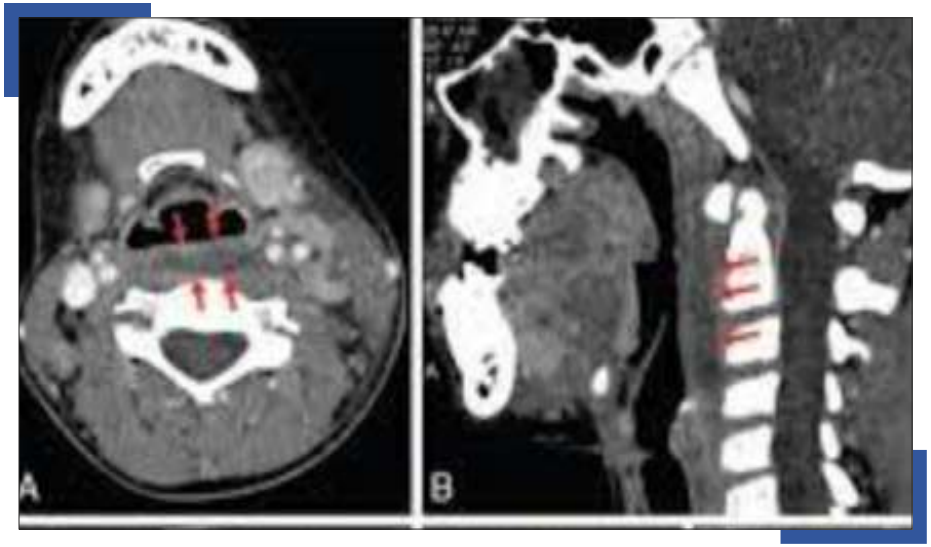
MOLECULAR
DIAGNOSTICS AND THERAPY
...where technology meets patient care

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
CECT Neck



What is CECT Neck?

CECT stands for contrast-enhanced computed tomography. A CECT neck scan is conducted to acquire detailed images of the region of the neck utilizing X-rays in combination with iodine contrast medium. Additionally, the procedure is also useful in examining the oropharynx, salivary glands, lymph nodes, thyroid region, airway, and other soft tissues present in the neck region.

Why is it Performed?

The test is performed to examine neck region swelling, inflamed lymph nodes, infection, or abnormal growth in the neck region. The imaging technique provides a definitive view of the sources of irregularity present in the neck region. The test could help identify the extent of the abnormal growth in the neck area like abscess, salivary gland stone, or infection.

Preparation

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

Procedure

The patient has to lie on a table as the scans are taken. A contrast medium is administered to enhance the images. The patient may feel a warm sensation and a metallic taste in the mouth after the injection. Also, the patient has to stay still during the scan to get precise images. The time required to perform the scan varies depending on the protocols of the facility.

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.

Safety Precautions

As the procedure makes use of X-ray and iodine contrast medium, patients are required to inform the staff in case of pregnancy, history of kidney disease, thyroid problems, or previous adverse reaction against the contrast medium. The staff will determine whether to cancel the procedure or not depending upon the situation.

When to Seek Medical Attention?

The patient must seek emergency assistance in case of neck region swelling, intense pain, or difficulty in swallowing. Additionally, an individual must consult a physician in case of a lump felt in the neck region. Conditions such as an abscess in the neck region, infection, and abnormal growth require emergency procedures if the affected body part starts to swell spontaneously.

One needs to seek emergency care in case of development of discomfort in airways or neck region after the injection of contrast medium. Breathing difficulties and swelling of the lip, face, and throat must be immediately reported to a healthcare provider after the procedure. The results of the scan must be interpreted by a specialist in the presence of other findings. Molecular Diagnostics and Therapy assist individuals undergoing screening tests and provide treatment options depending on the scan results.