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 OBS with NT, NB Scan



What is USG OBS with NT, NB Scan?

USG OBS with NT, NB Scan is an advanced first-trimester pregnancy ultrasound with an added analysis of the nasal bone (NB) and nuchal translucency (NT). It uses high-frequency sound waves to make images of the developing baby. A scan checks your baby's development and certain sonographic characteristics that may be part of the early pregnancy screen. Does not rely on ionising radiation.

Why is it Performed?

This occurs in the first trimester to check fetal growth and the measurement of the nuchal translucency (back of the baby's neck), which is filled with fluid. The fetal nasal bone may also be assessed. NT and NB results can be taken into consideration with other screening tests and factors, including maternal age and medical history, to help assess the risk for some chromosomal conditions. A scan is a screening test which does not diagnose or exclude the presence of a condition.

Preparation

- Inform the ultrasound team about your gestational age.
- Carry previous ultrasound reports and relevant medical records.
- Inform the team about any pregnancy-related medical conditions.

Procedure

You're going to be lying on the exam table, and a clear gel is put on your belly. The provider will move the ultrasound probe carefully around the belly to take pictures of the baby. A nuchal translucency measurement and evaluation of the nasal bone are carried out along with the standard obstetric ultrasound evaluation. However, you may be required to alter position during the examination to acquire appropriate images.

Important Instructions

- Carry previous pregnancy and ultrasound reports.
- Remain comfortable and still during the examination.
- Inform staff if you feel uncomfortable.

Safety Precautions

Ultrasound uses sound waves and does not use ionising radiation and is commonly used during pregnancy when clinically indicated. Trained health professionals should examine the suitable ultrasound protocols.

When to Seek Medical Attention?

It is important to alert your health-care professional in cases of unusual or persistent symptoms. If you have any concerns at all about your screening, pregnancy, or follow-up, please speak to your doctor. A first-trimester pregnancy screening examination is USG OBS with NT, NB Scan. Interpretation and conclusions should be made with your pregnancy history in mind and other screening data only by a qualified specialist. Molecular Diagnostics and Therapy offers assistance and instruction during evaluation.