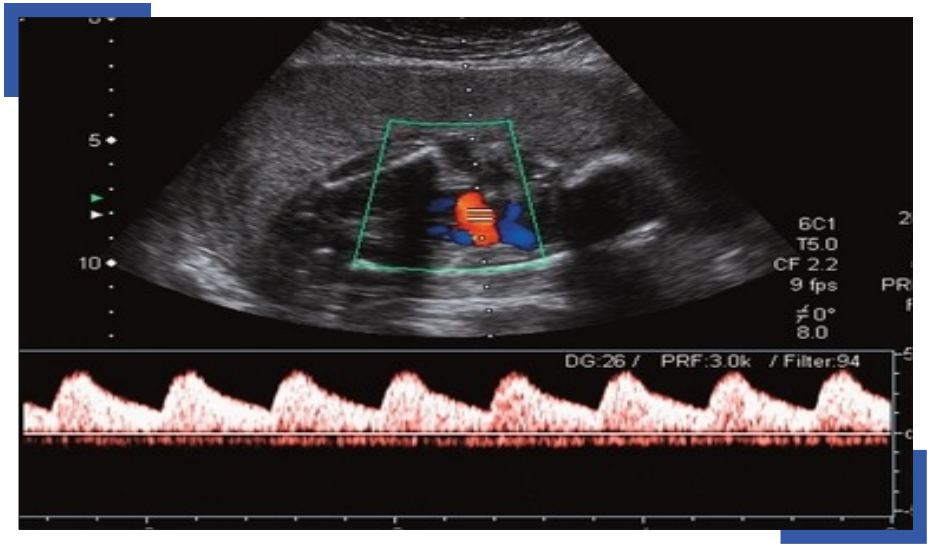
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Understanding
USG Colour Doppler Obstetric



What is USG Colour Doppler Obstetric?

USG Colour Doppler Obstetric is a type of ultrasound used in pregnancy to evaluate blood flow in the mother and foetus. The examination is helpful in evaluating placental circulation, fetal circulation, and blood flow through the umbilical artery as well as other maternal/fetal vessels, as appropriate when clinically needed.

Why is it Performed?

USG Colour Doppler Obstetric is conducted at the time of indications for the assessment of maternal and/or fetal blood flow, such as when the mother has a concern regarding the development of her baby, her baby's well-being, or the functioning of the placenta. It is suggested during a pregnancy when it is suspected that the baby is restricted during development or may not be growing normally.

Preparation

- Bladder preparation depends on gestational age and the examination approach.
- Wear comfortable clothing that allows easy access to the abdomen.
- Bring previous ultrasound reports and pregnancy records.
- Carry information about gestational age and expected due date (EDD).

Procedure

Generally conducted on an examination bed while the patient is lying on it in comfort. A gel is applied to the abdomen, and the ultrasound probe is rolled over the area that the physician is scanning. In the initial stages, the conventional ultrasound measurements of fetal growth, fetal activity, fetal heart function, fetal position, placenta, and amniotic fluid are performed to see how well things are going. A Doppler study then determines blood flow in the vessels of the mother and child.

Important Instructions

- Bring previous ultrasound and pregnancy-related reports.
- Provide gestational age and EDD information.
- Inform the doctor about pregnancy complications or previous abnormal findings.
- Remain comfortable and follow instructions during the scan.
- Additional follow-up Doppler examinations may be advised when clinically indicated.

Safety Precautions

These investigations involve sound waves and do not use ionising radiation, and they are known as ultrasound and Doppler exams. If done correctly by trained professionals, they are safe to have during pregnancy. Doppler is useful for the right indication, at the right time, and with an appropriate ultrasound setting.

When to Seek Medical Attention?

When abdominal pain, vaginal bleeding, leakage of fluid, fewer fetal movements, severe headaches, sudden swelling, and other pregnancy-related symptoms begin to worry you, you don't need to wait for an ultrasound exam to get a further status check. Contact your obstetrician right away. Molecular Diagnostics and Therapy offers obstetric ultrasound and Colour Doppler services, with optimal use of imaging protocols, supervised by trained medical staff, emphasizing fetal assessment, patient care, privacy, and comfort.