MOLECULAR
DIAGNOSTICS AND THERAPY
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Understanding
Whole Abdomen Ultrasound



What is a Whole Abdomen Ultrasound?

A whole abdomen ultrasound is an imaging technique done with the aim of detecting any abnormalities that exist in the abdominal organs. It gives a real-time view of the abdominal organs such as the liver, gallbladder, spleen, pancreas, kidneys, and urinary bladder through the use of high-frequency sound waves.

Why is it Performed?

It is performed to evaluate symptoms of abdominal pain, bloating, discomfort of the digestive tract, urinary tract, or abdominal changes of origin. It aids in determining the size and shape of abdominal organs and diagnosing the presence of gallstones, kidney stones, cysts, collections of fluid, enlargements and inflammations of organs, and other abnormalities in the internal organs.

Preparation

- Fasting for several hours may be required before the examination.
- A full urinary bladder may be required, depending on the scan protocol.
- Take regular medicines only as advised by your doctor.
- Bring previous ultrasound reports and other relevant medical records.

Procedure

The patient is comfortably positioned on an ultrasound examination table while a small amount of gel is placed on the abdomen. The sonologist slides the ultrasound probe across various parts of the abdomen, producing images of the organs within the body. This examination is relatively painless and is not associated with the use of ionising radiation.

Important Instructions

- Follow all fasting instructions provided before the scan.
- Maintain the recommended water intake if advised.
- Keep your bladder full when specifically instructed.
- Remain relaxed and follow positioning instructions during the examination.
- Inform the sonologist if you experience any discomfort.
- Bring previous reports for comparison when available.

Safety Precautions

Ultrasound Whole Abdomen does not employ ionising radiation, but uses sound waves. In general, it is not harmful and is performed under the supervision of trained individuals, following proper sonographic procedures. Follow all preparation and safety precautions given by the health care team and report to the sonologist if the patient feels uncomfortable during the procedure.

When to Seek Medical Attention?

Seek medical help for severe abdominal pain, nausea, vomiting, fever, jaundice, presence of blood in urine and feces, intense weakness, or any other unexpected symptoms. A doctor prescribes a whole-abdomen ultrasound examination based on the patient's symptoms and ultrasound results. A whole-abdomen ultrasound is carried out at Molecular Diagnostics and Therapy in compliance with the corresponding ultrasound protocol.