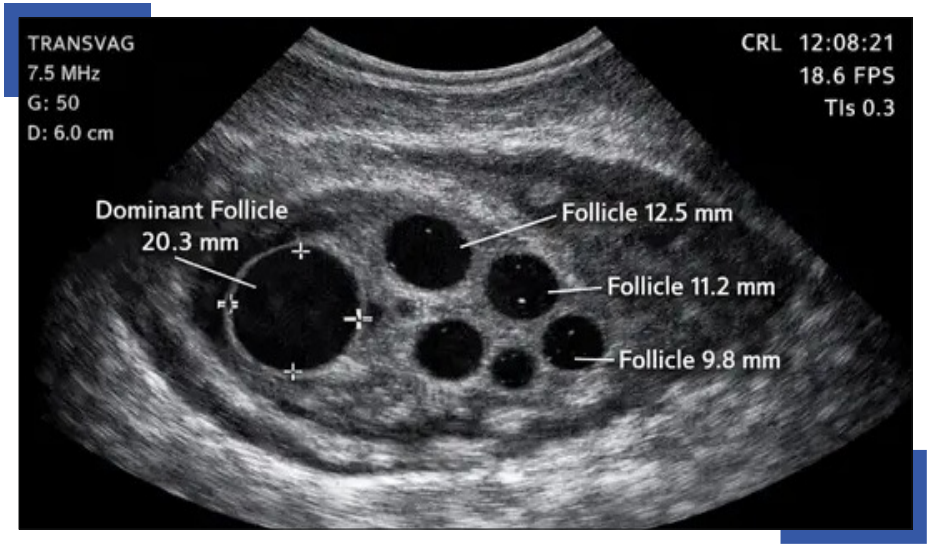
MOLECULAR
DIAGNOSTICS AND THERAPY
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Understanding
USG Follicular Study - Single Setting



What is a USG Follicular Study - Single Setting?

USG Follicular Study - Single Setting is a pelvic ultrasound performed at a single time in the menstrual cycle to diagnose the condition of the developing follicles, endometrium, and the condition of the ovary. A single-setting study allows evaluation of follicular development and the condition of the endometrium only at the moment of the study and does not constitute a complete follicular monitoring series required for a multiple-day study to determine follicular growth.

Why is it Performed?

In addition, this examination can be conducted to help determine the size and appearance of ovarian follicles and to assess the endometrium during one of the stages in the menstrual cycle. It can offer clues to follicular development and may be useful in deciding whether further follicular monitoring is necessary.

Preparation

- A full urinary bladder may be required.
- For a transvaginal ultrasound, bladder emptying is generally preferred.
- Wear comfortable clothing that allows easy access to the pelvic region.
- Inform the medical team about any fertility medicines or hormonal treatment.
- Bring previous ultrasound or fertility-related reports when available.

Procedure

Transvaginal or transabdominal ultrasound can be used for the examination, as indicated by the clinical need. During the exam, the sonologist looks at the ovaries and looks at follicles that he can see forming. Evaluation of the uterus is also considered, such as the uterine thickness and the uterine internal appearance; the evaluation of the endometrium is also reviewed, such as the endometrial thickness and the internal appearance of the endometrium.

Important Instructions

- Follow the scan timing advised by your doctor or sonologist.
- Follow bladder-filling instructions if a transabdominal examination is planned.
- Empty the bladder when instructed before a transvaginal examination.
- Inform the medical team about fertility medicines or hormonal treatment.
- Bring previous follicular study or pelvic ultrasound reports when available.

Safety Precautions

No ionising radiation is used in ultrasound. A study of the follicles is considered to be safe if done by expert operators under proper ultrasound conditions. If a transvaginal examination is used, the sound probe is gently inserted into the vagina and is usually very comfortable. Consult the sonologist if you are in a lot of pain or discomfort at any time during the test.

When to Seek Medical Attention?

If you experience heavy vaginal bleeding, have severe pain in either the abdomen or the pelvis, faint, have breathing difficulty, or if your symptoms get worse very quickly, get urgent medical help, especially if you have fertility treatment. These symptoms should be medically evaluated. At Molecular Diagnostics and Therapy, the USG Follicular Study - Single Setting is carried out using appropriate pelvic ultrasound protocols, under trained medical supervision, taking into consideration the exact evaluation of follicular development and endometrial changes, and the patient's security, privacy, and comfort.