

# **IUD PELVIC ULTRASOUND INTERVAGINAL ONLY**

**This protocol is be utilized ONLY for a recent placed IUD to confirm correct location.**

Patient Prep:

None

Survey:

Perform a real-time survey of the Uterus with attention to the Intrauterine Device (IUD).

Image Documentation:

Each image must be labeled with patient identification, facility identification, examination date, medical record number, accession number, initials of the imaging technologist, organ/area identification, transducer orientation, and patient orientation if different from supine.

General Procedure Description:

1. The uterus and the placement of the IUD will be evaluated intravaginal only.
2. Measurements of the placement of the IUD will be performed.
3. 3D images will be provided if the equipment has the capability to perform 3D imaging.
4. Pathology should be imaged and measured. Provide color Doppler images of all pathology.
5. Color-flow images of important vascularity should be recorded as needed.

Guidelines for pelvic ultrasound:

## **UTERUS**

1. Six longitudinal axis images of the uterus. Measurements of the length and depth on the midline scan are to be documented.
2. One midline image of the cervix.
3. Six transverse images of the uterus. Measurement of the width of the uterus is to be documented.
4. A volume measurement of the uterus is to be documented.
5. The uterus size, shape and orientation to be documented.
6. Document any pathology in the uterus. Take longitudinal and transverse measurements as necessary and document color flow. It needs to be clear where the pathology is located in the uterus.

## **ENDOMETRIUM**

1. Accurate images of the endometrium documented in long and transverse axis. In the long axis, a measurement of the endometrium needs to be documented. If fluid is noted within the endometrium, measure the two separate layers of the endometrium excluding the fluid. These two measurements will be added together for the endometrium thickness.

2. Color flow image of the endometrium.
3. If pathology is noted in the endometrium and the ultrasound equipment has the capability to perform 3D imaging, provide 3D coronal views of the endometrium. If unable to perform 3D imaging, provide Cine loop (clip store) of the endometrium.

## IUD

1. Images of the IUD documented in longitudinal and transverse axis showing its location in the endometrium.
2. In the longitudinal axis measure the thickness of the endometrium.
3. Provide a measurement from the superior edge of the IUD to the superior edge of the endometrium.
4. Provide a cine loop (clip store) of the uterus and IUD in longitudinal and transverse axis.
5. If the ultrasound equipment has the capability to perform 3D imaging provide 3D coronal views of the uterus with the IUD. Make sure the arms of the IUD are visualized in the 3D imaging.

All color Doppler images should be with and without color.

All measurement images should be with and without measurement.

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