

## OBSTETRICAL ULTRASOUND

### First Trimester (1 week - 13w 6d)

Scan both transabdominally and endovaginally if embryo < 9 weeks **or** if embryo is not seen well due to maternal scanning characteristics or uterine position.

#### UTERUS/ADNEXA:

Longitudinal uterus including cervix.  
Longitudinal right and left ovaries/adnexa.

Transverse/Coronal uterus & cervix.  
Transverse/Coronal right and left ovaries/adnexa.

Image and measure uterine and/or adnexal masses.  
*Note:* Ovarian cyst  $\leq 4$  cm or "ring of fire" corpus luteal cysts are normal.

#### GESTATIONAL SAC:

The uterus (and adnexa) should be evaluated for the presence of a gestational sac. Document gestational sac(s) location, presence of a yolk sac(s) and an embryo(s).

If an embryo is not seen measure gestational sac:  
(Length + Width + Height  $\div 3$  = MSD)

Assess (size and shape) of imaged yolk sac. Measure yolk sac inner to inner diameter if appears enlarge.

Amnionicity and chorionicity should be documented on multiple gestations.

#### CRL:

Image embryo/fetus and measure CRL.

Document fetal cardiac activity with M-mode.