

REQUESTING, INTERPRETING, AND RECORDING FINDINGS FROM ULTRASOUND REPORTS AND DETERMINING EDD



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OUTLINE

- Requesting ultrasound scan (USS) reports
 - When are they performed?
 - Indications
- Interpreting, and recording USS findings
- Use of a customized USS request form
- Determining EDD

INDICATIONS FOR REQUESTING USS REPORTS

- At least one scan per protocol for gest age & anatomical survey data required on the USS report CRF, however a scan is done in @ trimester as shown below;
- 1st trimester
 - Viability
 - Gestational age
- 2nd trimester
 - Fetal anatomy
- 3rd trimester
 - Location of the placenta
 - Fetal presentation
 - Amount of amniotic fluid
- Other indications
 - Clinical indication, e.g., pregnancy loss

INTERPRETING & RECORDING USS FINDINGS

- Done by trained sonographers from Mulago national referral hospital
- Hospital sonographers are attached to MU-JHU
- Able to meet requirements from the different studies
- Interpretation of the scans is also done by the sonographers
- Sonographers complete the customized USS report form
- Information transcribed from USS report forms onto corresponding CRFs, e.g., USS results CRF by study clinicians

A COPY OF THE COMPLETED USS REQUEST FORM

ULTRASOUND SCAN REQUEST FORM

NAME: AGE: A DATE: 15 Jun 11

Clinical notes and provisional diagnosis: Including LMP and other relevant information
LMP 28 Feb 11

Investigation required: Obstetric ultrasound

Signature of requesting clinician: [Signature]

Ultrasound Findings (Report):

REPORT: circle / fill as appropriate

Viable / Non-viable Single on / Multi-fetus

Cephalic / Breech

Gestational age: 19 w 5 d [weeks + days]

EDD: 4/12/2011

*Crown Rump Length (CRL): N/A cm

Abdominal circumference

(AC): 14.6 cm

*Biparietal Diameter (BPD): 4.72 cm

Head Circumference (HC):

17.2 cm

*Femur Length (FL): 3.01 cm

ANATOMICAL SURVEY DATA	Not visualized	Normal	abnormal	If abnormal, record description
Intracranial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Face/Lip	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Thorax	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Four chamber heart	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Stomach	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Kidneys	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Bladder (urinary)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cord Insertion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Upper Limbs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Lower Limbs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Gender	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Amniotic fluid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Placenta: ant/post/lat right/lat left/high/low/prox grade

Placenta Grade: 3 Cord has 3 Vessels

* Complete if gestational age is > 14 weeks and 0 day. † Complete if gestational age is ≥ 14 weeks and 0 days

DETERMINING EDD

- Two main methods used:
 - LNMP
 - Reliable in women with regular cycles
 - 1st trimester USS
 - Done at about 6 to 8 weeks
 - After initial positive HCG test, participant is given an appointment a month later for USS
 - Helpful in unknown LNMPs, e.g., previously amenorrheic

QUESTIONS?

