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

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Kampala site

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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
ULTRASOUND SCAN REQUEST FORM

NAME: ................................................................. AGE: ............ DATE: 
.................................................................

Clinical notes and provisional diagnosis: Including LNMP and other relevant information

.................................................................

Investigation required:

.................................................................

Signature of requesting clinician

.................................................................

Ultrasound Findings (Report):

REPORT: circle / fill as appropriate
Viable / Non-viable
Cephalic / Breech
Gestational age: ......................................... (Weeks + days)

EDD:

.................................................................

*Crown Rump Length (CRL): ................. cm   Abdominal circumference
(AC): ..................... cm
*Biparietal Diameter (BPD): ..................... cm   Head Circumference (HC):

.................................................................

*Femur Length (FL): ......................... cm

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<tr>
<th>ANATOMICAL SURVEY DATA</th>
<th>Not visualized</th>
<th>Normal</th>
<th>abnormal</th>
<th>If abnormal, record description</th>
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A copy of the completed USS request form

ULTRASOUND SCAN REQUEST FORM

NAME: 

AGE: 

DATE: 15 Jul 11

Clinical notes and provisional diagnosis: Including LNMP and other relevant information

Investigation required: Ultrasound

Signature of requesting clinician

Ultrasound findings (Report):

- Crown Rump Length [CRL]: 8.4 cm
- Abdominal circumference
- Biparietal Diameter [BPD]: 4.2 cm
- Femur Length: 3.9 cm

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Placenta:
- Anterior 
- Posterior 
- Right 
- Left
- High 
- Low 
- Prolapsed

Placenta Grade: E

Cord has: 3 vessels

Delivery due at: 41 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?