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



Kampala site
October 29, 2013



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

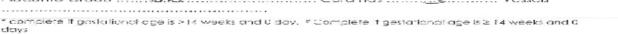
- Done by trained sonographers from Mulago national referral hospital
- Hospital sonographers are attached to MU-JHU
- Able to meet requirements from the different studies
- Interpretation of the scans is also done by the sonographers
- Sonographers complete the customized USS report form
- Information 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 d	liagnosis:	Including LN	IMP and othe	er relevant information
Investigation requ	ired:				
Signature of reque	sting clinicia	n			-
	<u>Ųi</u>	rasound	Findings (R	eport):	
REPORT: circle / fill as appropr Viable /Non- viable Cephalic/ Breech		ate Singleton/Multiple(Weeks + days)			EDD:
*Crown Rump Leng (AC):#Biparietal Diamet	gth (CRL): cm er (BPD):		cm	Abde	ominal circumference
#Femur Length (FL)			cm		
ANATOMICAL SURVEY DATA	Not visualized	Normal	abnormal	If abnormal	, record description
Intracranial					
Face/Lip					
Spine					
Thorax					
Four chamber					

A COPY OF THE COMPLETED USS REQUEST FORM

Clinical notes and		diganosis	: Including I	NMP and other relevant information	
	C	NMP	2.8 E	NMP and other relevant information	
Investigation req	uired:	elsá c	1111	mond	
			20		
Signature of requ	esting clinicia	in All	1		
			Etra alliana de	D	
REPORT: circle / fi			Findings ((epon):	
Viable /Nan- viab	ile		ngie on/Mu	rrieta .	,
Cephalic/Breect Gestational age:	X kQ.) &= a		s + days) EDD:4/1/2	2/2
				(s + days) EDD: $4 / 1/2$	42011
Crown Rymp Lei	nath (CRD:	X0/A	cm	Abdominal circumference	
ACTO I CALL NO	erres.				
Biparietal Diame	ter (BPD):	4.1.2.		Head Circumference (HC):	
Femur Length (Ft	C POC				
Femur Length (Fi ANATOMICAL					7
SURVEY	Not - visualized	Normal	abnornal	If abnormal, record description	
DATA	VISOCIIZEG				
ntracranial		[X]			3
ace/Lip					1
Spine		X			1
Ihorax		团			
Four chamber		[X]			1
reart					
itomach		X			
Cidneys		[X]			
Bladder(urinary)		区			1
Cord Insertion		IX.			
Ipper Limbs		[X]			
ppor minos		[X]			
					- /
ower Imbs Sender		IX C			- W



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?

