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Structured
Ultrasound
Reporting

New York Doctor's Medical Center

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OBSTETRICS REPORT

Signed Final 01/05/2011 02:22 pm

Patient Info

ID #: 377733 Name: Demo Patient D.O.B.: 04/14/73 (37 yrs) Date: 01/05/2011 12:45 pm

Performed By

Performed By: Linda Harvey RDMS Referred By: Nelson Adams MD
Attending: Stephen A. Myers, D.O.

Procedures

Amniocentesis, US Guided CPT 59000 76946

Indications

Advanced Maternal Age ICD 659.53
Abnormal Triple Screen (increased risk of Trisomy 21) 796.5

Fetal Evaluation

Cardiac Activity: Observed Placenta: Posterior
Presentation: Vertex

Amniotic Fluid

Amniotic F.V.: Within normal limits

Biometry

BPD:	46.8 mm	G. Age:	20w 1d	82 %tile	CI (BPD/OFD):	76.28 %	70 - 86
					FL/HC:	15.8 %	16.1 - 18.3
HC:	169.8 mm	G. Age:	19w 4d	57 %tile	HC/AC:	1.17	1.09 - 1.39
AC:	144.7 mm	G. Age:	19w 5d	62 %tile	FL/BPD:	57.5 %	
FL:	26.9 mm	G. Age:	18w 1d	11 %tile	FL/AC:	18.6 %	20 - 24
HUM:	25.7 mm	G. Age:	18w 0d	18 %tile			
CER:	19.2 mm	G. Age:	18w 4d	32 %tile			
Estimated FW:	276 gm. 0 lb 10 oz			43 %Tile			

Gestational Age

LMP: 19w 2d Date: 8/23/2010 EDD: 05/30/11
U/S Today: 19w 3d EDD: 05/29/11
Best 19w 2d Determined By: LMP (08/23/10) EDD: 05/30/11

Genetic Sonogram - Trisomy 21 Screening

Age at EDD: 38 Risk=1: 113

Increase Nuchal translucency: No	Echogenic bowel: No	LR : 0.87
Hypoplastic/absent Nasal bone: Yes	Choroid plexus cysts: No	
Structural anomalies (inc. cardiac): No	Hypoplastic / absent midphalanx 5th Digit: Yes	
Short femur: Yes LR : 7.94	Wide space 1st-2nd toes: No	
Short humerus: Yes LR : 22.76	2-vessel umbilical cord: No	
Pyelectasis: No	Echogenic cardiac foci: No	LR : 0.75

12 Of 12 Criteria Were Visualized and 4 Abnormal(s) Were Seen.
Ultrasound Modified Risk for Fetal Down Syndrome < 1:10

Anatomy

Fetal Cranium: Within Normal Limits Aortic Arch: Normal
Fetal Ventricles: Within Normal Limits Fetal Abdomen: No abnormalities
Fetal Choroid Plexus: Normal; no cysts Fetal Abdominal Wall: Normal

Anatomy - Continued

Fetal Cerebellum:	Normal size and shape	Fetal Cord Vessels:	3 Vessel Cord
Fetal Posterior Fossa:	Within Normal Limits	Fetal Kidneys:	Mild Pyelectasis, See comments
Fetal Face:	Limited Views	Fetal Bladder:	Visualized while full
Fetal Heart:	Normal 4 chamber	Fetal Limbs:	Limited Views

Doppler - Fetal Vessels

<u>Umbilical Artery</u>	<u>S/D</u>	<u>%tile</u>	<u>RI</u>	<u>%tile</u>	<u>PI</u>	<u>%tile</u>	<u>PSV cm/s</u>	<u>MoM</u>
	4.52	58						
<u>Middle Cerebral Artery</u>	<u>S/D</u>	<u>%tile</u>	<u>RI</u>	<u>%tile</u>	<u>PI</u>	<u>%tile</u>	<u>PSV cm/s</u>	<u>MoM</u>
							38	1.56

Comments

Biometry is compatible with dates on the repeat ultrasound. Four abnormal findings in the trisomy 21 screening: **Shortened humerus, Short femur, Absent midphalanx on fifth digit, and the nasal bone was also found to be absent.** Patient was counseled regarding the benefits, risks, limitations of amniocentesis. Amniocentesis was performed under guidance using 22g spinal needle under sterile conditions. Patient tolerated procedure well. Fetal heart tones were present before and after the procedure.

Recommendations

Based on today's ultrasound, patient to return in 3 weeks for a Detailed Ultrasound and another Trisomy screening to determine if the markers are consistent with the Cytogenetic Diagnosis. Recommended to patient that Mr. Patient accompany her for discussion of the diagnosis, and options available to them.



Thank you for sharing in the care of Ms. Demo Patient with us.

Stephen Myers

Stephen Myers DO
Electronically Signed Final Report 01/05/2011 14:22

