



HIGH RISK
Pregnancy
CENTER



AIUM Accredited Practice
OBSTETRIC ULTRASOUND WITH ADJUNCT
DETAILED FETAL ANATOMIC EXAMINATION
FETAL ECHOCARDIOGRAPHY

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Ultrasound Report

October 22nd, 2021

RE:

MR#: 1511469
DOB: OCT 27 1993
(Exam #: KA87451-U-2-1)

To: Rebecca Herrero, M.D.

1934 E. Sahara Ave
Las Vegas, NV 89104
Fax: (866) 950-0311

The LMP of this 27 year old, gravida 2, para 1 patient was unknown, her working EDD is APR 7 2022 and the current gestational age is 16 weeks 1 day by Sono. The ultrasound examination was performed using abdominal & vaginal techniques. The patient has a BMI of 29.4.

Multiple longitudinal and transverse sections revealed a twin intrauterine pregnancy. Fetus A is in breech presentation and fetus B is in breech presentation. The placenta for Fetus A is right lateral in implantation, grade I in appearance, and there is no placenta previa. The placenta for Fetus B is right lateral in implantation, grade I in appearance, and there is no placenta previa.

INDICATIONS

Encounter for antenatal screening for malformations [Z36.3]
16 weeks gestation of pregnancy [Z3A.16]
Human immunodeficiency virus [HIV] disease complicating pregnancy, unspecified trimester [O98.719]
Maternal care for scar from previous cesarean delivery [O34.21]
Twin pregnancy, monochorionic/diamniotic, unspecified trimester [O30.039]

Exam Types

76805 OB U/S > 14 wks
76810 OB U/S > 14 wks Each Additional Fetus
76817 Transvaginal OB

MEASUREMENTS

FETUS A			FETUS B		
BPD	3.4 cm	16 weeks 3 days *	BPD	3.2 cm	16 weeks 0 days *
OFD	4.3 cm		OFD	4.0 cm	
HC	12.1 cm	16 weeks 0 days *	HC	11.9 cm	15 weeks 6 days *
AC	9.5 cm	15 weeks 1 day * [33%]	AC	9.2 cm	15 weeks 0 days * [26%]
Femur	1.8 cm	15 weeks 1 day *	Femur	1.9 cm	15 weeks 4 days *
Humerus	1.9 cm	15 weeks 4 days [40%]	Humerus	2.0 cm	15 weeks 6 days [46%]
HC/AC	1.28		HC/AC	1.29	
FL/AC	19		FL/AC	21	
FL/BPD	53		FL/BPD	59	
Ceph Index	79		Ceph Index	79	
EFW (Ac/Fl/Hc)	125 grams - 0 lbs 4 oz		EFW (Ac/Fl/Hc)	126 grams - 0 lbs 4 oz	

Fetus A AVERAGE G.A. is 15 weeks 5 days \pm 7 days.

Fetus B AVERAGE G.A. is 15 weeks 4 days \pm 7 days.

CERVICAL EVALUATION

The cervix appeared normal (Ultrasound Examination).

SUPINE

Cervical Length: 4.60 cm

POST TRANS FUNDAL PRESSURE

Cervical Length: 4.60 cm

OTHER TEST RESULTS

Funneling?:	No	Dynamic Changes?:	No
Resp. To TFP?:	No	Debris?:	No

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ANATOMY									
	Normal		Abnormal		Not Visualized		Not Optimally Visualized	See Details	
	A	B	A	B	A	B		A	B
Fetus									
Head					?	?			
Face/Neck							
Heart	✓					?			
Stomach	✓	✓							
Right Kidney					?	?			
Left Kidney					?	?			
Bladder	✓	✓							
Abd. Wall	✓	✓							
Spine		✓			?				
Extrems	✓	✓							
Genitalia					?	?			
Placenta	✓	✓							
Umbil. Cord		✓			?				
Plac. Cord Ins.					?	?			

ANATOMY DETAILS

Fetus A

Visualized Appearing Sonographically Normal:

FACE/NECK: (Neck, Profile); HEART: (3 vessel trachea view, Four Chamber View, Proximal Left Outflow, Proximal Right Outflow, Cardiac Axis, Interventricular Septum, Interatrial Septum, Cardiac Position); STOMACH, BLADDER, ABD. WALL, EXTREMS: (Lt Humerus, Rt Humerus, Lt Forearm, Rt Forearm, Lt Hand, Rt Hand, Lt Femur, Rt Femur, Lt Low Leg, Rt Low Leg, Lt Foot); PLACENTA

Not Optimally Visualized:

FACE/NECK: (Nasal Bone)

Not Visualized:

HEAD, FACE/NECK: (Nose/Lips, Face); RIGHT KIDNEY, LEFT KIDNEY, SPINE, EXTREMS: (Rt Foot, Lt Toes); GENITALIA, UMBL. CORD, PLAC. CORD INS.

Fetus B

Visualized Appearing Sonographically Normal:

FACE/NECK: (Neck, Profile); STOMACH, BLADDER, ABD. WALL, SPINE: (Cervical Spine, Thoracic Spine, Lumbar Spine, Sacrum); EXTREMS: (Lt Humerus, Rt Humerus, Lt Forearm, Rt Forearm, Lt Hand, Rt Hand, Lt Femur, Rt Femur, Lt Low Leg, Rt Low Leg, Lt Foot, Rt Foot); PLACENTA, UMBL. CORD

Not Optimally Visualized:

FACE/NECK: (Nasal Bone)

Not Visualized:

HEAD, FACE/NECK: (Nose/Lips, Face); HEART, RIGHT KIDNEY, LEFT KIDNEY, GENITALIA, PLAC. CORD INS.

UTERUS

The uterus was visualized.

ADNEXA

The left ovary was not visualized. The right ovary was not visualized.

AMNIOTIC FLUID

Fetus A

Largest Vert. Pocket = 3.9

Amniotic Fluid: Normal

Fetus B

Largest Vert. Pocket = 3.5

Amniotic Fluid: Normal

IMPRESSION

Twin IUP (Fetus A)

Twin IUP (Fetus B)

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16 weeks and 1 day by Sono. (EDD=APR 7 2022)
15 weeks and 5 days by this ultrasound. (EDD=APR 10 2022)
Breech presentation
Estimated Fetal Weight = 125 grams Hadlock 85 (AC, FL, HC)
Estimated Fetal Weight = 0 lbs 4 oz Hadlock 85 (AC, FL, HC)
Regular fetal heart rate of 134 bpm
Right lateral placenta
No placenta previa

16 weeks and 1 day by Sono. (EDD=APR 7 2022)
15 weeks and 4 days by this ultrasound. (EDD=APR 11 2022)
Breech presentation
Estimated Fetal Weight = 126 grams Hadlock 85 (AC, FL, HC)
Estimated Fetal Weight = 0 lbs 4 oz Hadlock 85 (AC, FL, HC)
Regular fetal heart rate of 149 bpm
Right lateral placenta
No placenta previa

GENERAL COMMENT

History: Positive HIV (isentress, Iruvada). Marijuana use. C-section x 1. Spontaneous monochorionic/diamniotic twins.

Viable twin IUP.

Twin A is breech on the maternal LUS and twin B is transverse on the maternal fundus. The growth of both fetuses is concordant and appropriate for gestational age. The amniotic fluid volume appears normal and concordant.

A thin dividing membrane was visualized and on placenta was seen. This suggests a monochorionic/dichorionic twin placentation.

Twin A:
Limited fetal anatomic survey due to position and early gestational age.

Twin B:
Limited fetal anatomic survey due to position and early gestational age.

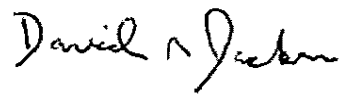
High resolution transvaginal ultrasound was performed. The sole purpose of this exam was to visualize the architecture of the cervix and measure cervical length. Intra-amniotic sludge was not present. The cervix measures 4.6 cm.

A right LUS fibroid is seen measuring 3.3 x 3.9 x 2.8 cm.

Recommend repeat ultrasound in 4 weeks for a comprehensive fetal anatomic survey.

Recommend TTTS and cervical length every 2 weeks.

Today's results were discussed with the patient.



David Jackson, M.D.
Maternal-Fetal Medicine Subspecialist
Electronically signed 10/26/21 13:33