

SATTVA
THE FETAL MEDICINE CENTRE
ADVANCED FETALKARE

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Consultant Fetal and Genetic Medicine

Fetal anomaly scan- 3D 4D Genetic

Patient Name Ritu Rana
Date 07-Dec-23

EDD BY CRL 25-Apr-24
GA by CRL EDD 20w
GA by current scan 20w1d
Fetal weight 308 gm+/-10%

Maternal age - 31 Years
Pre screen risk of Down's syndrome - 1:597
Nuchal translucency - 0.09 cm
NIPT - low risk - Fetal fraction - [15.25%]

BPD	19w6d, 4.61 cm	cord insertion	normal, no omphalocele
HC	19w6d, 17.42 cm	stomach	normal
AC	19w4d, 14.25 cm	diaphragm	normal
FL	19w5d, 3.14 cm	bowel echogenicity	normal, no echogenic bowel
head shape	normal, no brachycephaly	rt kidney	normal, no pelviectasis
head bone echogenicity	normal	left kidney	normal, no pelviectasis
head bone density	normal	bladder	normal
thalami	normal	rt/lr humerus	normal, no short humerus
cavum	normal	rt/lr radius	normal
ant horn	1.45 cm	rt/lr ulna	normal
dependent post horn	0.64 cm, no ventriculomegaly	rt/lr hand	normal, no clinodactyly
choroid plexus	normal, no CP cyst	rt/lr femur	normal, no short femur
cerebellum	2.00 cm, no hypoplasia	rt/lr tibia	normal
cisterna magna	0.43 cm	rt/lr fibula	normal
nuchal fold	0.39 cm	rt/lr foot	normal, no sandal gap, no clubbing
profile	normal	3 vessel cord	normal, no SUA
nose	normal, nasal bone seen	placental location	Anterior away from os
lips	normal	placental size	normal
ear length	1.48 cm, normal for GA	placental thickness	normal
ear shape	normal	placental cord insertion	central
inner orbital distance	1.16 cm	AFI	17 cm
outer orbital distance	3.24 cm	Largest vertical pocket	5 cm
hard palate	normal	fetal lie/position	Breech
sag spine	normal	fetal heart rate	present regular
axial spine	normal	fetal movement	present
coronal spine	normal	umbilical artery	normal positive flow, PI= 1.19
4 chamber view	normal, no avsd, no echogenic foci	umbilical vein	normal no pulsations
3 vessel view	normal, No ARSA	RUTA	PI= 0.83
right outflow tract	normal	LUTA	PI= 0.93
left outflow tract	normal	DV	normal
lungs	normal	Cervix	>3.5 cm, long and closed
ant abdominal wall	normal		

Impression- Normal anatomy with normal growth and placental function
Cardiac screening normal

I, declare that while conducting ultrasonography on the patient
I have neither detected nor disclosed the gender of the fetus to anybody in any manner.
Please also note that all congenital anomalies cannot be detected by ultrasound.

Dr Vandana chaddha

Dr Nikhil Kapoor [DMRD]

Guidelines from AIUM Bethesda 1994

Ant 5cm from os

TV Echo
neuroson
2/26/24

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Cardiac screen

Patient Name Ritu Rana
Date 07-Dec-23

Apex	normal axis	3 vessel view	normal
cardiac situs	normal	3 vessel trachea view	normal
abdominal situs	normal	left outflow tract	forward flow with normal PSV
Liver	right side	right outflow tract	forward flow with normal PSV
portal vein	right side	aortic arch	forward flow
aorta	left side	ductal arch	forward flow
IVC	right side	sea gull appearance	Intact IVC & SVC
thymus	visualized	pulmonary vein	atleast 2 seen in one plane
SVC	entering right atrium	pulmonary vein waveforms	normal waveform
IVC	entering right atrium	branched PA	seen
4 chamber view	normal, no echogenic foci	left branch	normal waveform
Right atrium	normal	right branch	normal waveform
right ventricle	normal	ductus venosus	normal
left atrium	normal	hepatic vein	normal
left ventricle	normal	IVC	normal
tricuspid valve waveform	normal	pericardial effusion	absent
mitral valve waveform	normal	cardiac rate	normal
interatrial septum	seen	cardiac rhythm	normal
interventricular septum	seen	1:1 conduction seen	
Right atrioventricular	concordance		
left atrioventricular	concordance		
rt ventricle- pulmonary artery	concordance		
left ventricle- aorta	concordance		

Impression-
Normal structure and function of heart

Dr Vandana chaddha

Dr Nikhil Kapoor [DMRD]

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Name	RANA, RITU	ID	07-12-2023-0007	Exam. Date	07-12-2023
Gender	Female				
Institute	SATTVA, THE FETAL...				

[OB]

EstabDD	25-04-2024	GA(Estab.)	20w0d	AUA	20w1d
EDD(AUA)	24-04-2024	Pctl. Criteria	EstabDD	EFW	308g
EFW Author	Hadlock2(BPD,AC...	GA(EFW)	19w4d	Pctl.(EFW)	30.12
SD(EFW)	0.52				

Fetal Biometry	Last	1	2	3	GA	Pctl.	
BPD	4.61	4.61			cm	19w6ds12d	Hadlock 46.92
HC	17.42	17.42			cm	19w6ds10d	Hadlock 39.54
AC	14.25	14.25			cm	19w4ds14d	Hadlock 31.24
FL	3.14	3.14			cm	19w5ds12d	Hadlock 32.79

Fetal Long Bones	Avg.	1	2	3	GA	Pctl.	
HUM	3.04	3.04			cm	20w0ds19d	Jeanty 38.84
Rt. HUM	3.00	3.00			cm	19w6ds19d	Jeanty 35.77
Lt. HUM	3.01	3.01			cm	19w6ds19d	Jeanty 36.58
Rt. ULNA	3.26	3.26			cm	22w3ds21d	Jeanty 97.69
Lt. ULNA	3.07	3.07			cm	21w3ds22d	Jeanty 82.15
Rt. TIB	2.78	2.78			cm	20w0ds20d	Jeanty 41.87
Lt. TIB	2.87	2.87			cm	20w3ds21d	Jeanty 48.25
Rt. RAD	3.03	3.03			cm		99.99
Lt. RAD	2.80	2.80			cm		95.40
Rt. FIB	2.70	2.70			cm	19w3d	Jeanty 49.84
Lt. FIB	2.80	2.80			cm	20w0d	Jeanty 71.34

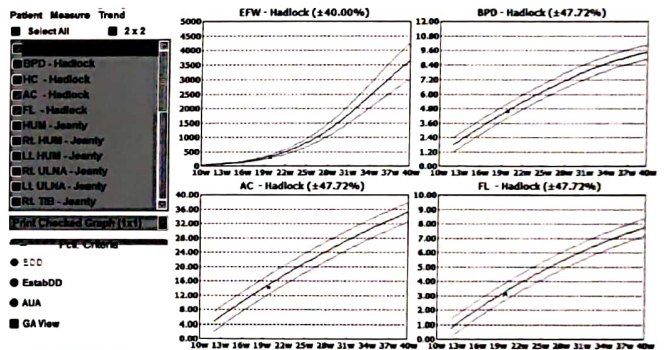
Fetal Cranium	Avg.	1	2	3	GA	Pctl.	
CEREB	2.00	2.00			cm	19w2ds13d	Hill 20.82
CM	0.43	0.43			cm		23.93
NF	0.39	0.39			cm	Max	
OOD	3.24	3.24			cm	20w5ds24d	Jeanty 41.94
IOD	1.16	1.16			cm		21.95
NB	0.62	0.62			cm		28.76
Va	1.45	1.45			cm		
Vp	0.64	0.64			cm		

Fetal Others	Avg.	1	2	3	GA	Pctl.
Eai	1.48	1.48			cm	

Ratle	Value	Normal Range
FL AC	22.00	%, (20.0-24.0%, >21w)
FL BPD	68.03	%, (71.0-87.0%, >23w)
FL HC	18.00	%, (15.30-21.30%, 20w0d)
HC AC	1.22	(1.09-1.26, 20w0d)

Umbilical A	Avg.	1	2	3	Pctl.
PSV	25.86	22.77	28.95		cm s
EDV	8.02	8.06	7.98		cm s

07-12-2023-0007 SATTVA, THE FETAL MEDICINE CENTRE 07-12-2023
 WSROA RANA, RITU OB 04:16:44 PM



History	EstabDD	25-04-2024	(20w0d)
Fetus A (+)	07-12-2023		
EFW	308		
GA	19w4d		
Pctl.	30.12		

