

MRI**SUDHIR X-RAY
& DIAGNOSTICS****SUDHIR C.T. SCAN
& RESEARCH CENTRE****■ MRI 1.5 TESLA ■ ADVANCED C T SCAN ■ DIGITAL X-RAY****MRI SIEMENS SEMPRA 1.5 TESLA****■ 5D - 4D COLOUR ULTRASONOGRAPHY**

Near Nagar Nigam Office, G. E. Road, Supela, BHILAI, Distt. - DURG (CHHATTISGARH) 490 023

0788 - 4039228, 4030482, 8962271173, 89622 93072 TIME: 9 AM to 8 PM (SUNDAY 10 AM to 5 PM)

sudhirscan95@gmail.com

CODE- (%)#

DATE- 14/07/2023

MRI 1.5 TESLA**ADVANCED C T SCAN****5D - 4D WHOLE BODY
COLOUR DOPPLER
IMAGING****5D - 4D COLOUR
ULTRASONOGRAPHY****ECHOCARDIOGRAPHY
COLOUR DOPPLER****ELASTOSCAN****DIGITAL X-RAY****DIGITAL
PORTABLE X-RAY****DIGITAL O. P. G.****DIGITAL
MAMMOGRAPHY****VIDEO E. G.****VIDEO ENDOSCOPY****VIDEO COLONOSCOPY****SPIROMETRY****E. C. G., E. M. G.,
N. C. S., BERA, VEP****PATHOLOGY
88274 03489****PLD Diagnostix
Authorised Blood
Collection Centre**PT'S NAME.....MRS. SANNU KUMARIREF BY.....DR. SONIKA W. CHOUDHARIA M.B.B.S.AGE/SEX.....28 YRS / FEMALE

Obstetrical Sonography (Anomaly Scan)

Single foetus Cephalic in position

Spine right side of Maternal Abdomen

Liquor Quantity upper side of normal.Four Quadrant Amniotic Fluid Index 15.94 CM. (10.0-17.0 CM. Normal.)Right Lower Quadrant- 3.75 CM. Left Upper Quadrant- 4.74 CMRight Upper Quadrant- 3.92 CM. Left Lower Quadrant- 3.53 CMPlacenta- posterior wall extending upto lower uterine segment away from OS Grade I Changes(Distance from os - 29.6 mm)Cervical canal length normal (Measures- 45.6 MM.)Foetal Tone & Movement - Normal.

ANOMALY SCAN

FOETAL HEART :- Intracardiac echogenic focus is seen in Left ventricle.Cisterna magna normal .Foetal lateral ventricles normalNasal bone normal (Measures- 5.6 MM)Nuchal fold thickness normal - (Measures - 4.71 MM)Foetal spine appears normal.Foetal both renal pelvis prominent (measures- 5.4 mm on right & 5.1 mm on left)Fluid in stomach seen.Foetal urinary bladder NormalFoetal long bones normalNormal three vessel cord seen.

Calculation of age adjusted ultrasound risk assessment for Down's syndrome

Down syndrome markers :-

Echogenic bowel - Absent

Intracardiac echogenic focus - Present

Mild foetal pelviectasis -----Present

Nuchal fold thickened soft tissue at the foetal occiput ≥ 6 mm - Absent

Short femur - Absent

Short humerus - Absent

MRI 1.5 TESLA ADVANCED C T SCAN DIGITAL X-RAY

5D - 4D COLOUR ULTRASONOGRAPHY

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TESLA

ANCED C T SCAN

- 4D WHOLE BODY
LOUR DOPPLER
AGING

- 4D COLOUR
TRASONOGRAPHY

HOCARDIOGRAPHY
LOUR DOPPLER

ASTOSCAN

GITAL X-RAY

GITAL
ORTABLE X-RAY

GITAL O. P. G.

GITAL
AMMOGRAPHY

DEO E. E. G.

DEO ENDOSCOPY

IDEO COLONOSCOPY

PIROMETRY

C G. E. M. G.,
C S., BERA, VEP

ATHOLOGY
88274 03489

gastroenterology,
Blood
Centre



PT'S NAME.....MRS. SANNU KUMARI

Prior risk of down syndrome 1 in 880

Calculated risk of down syndrome 1 in 104 (HIGH RISK)

OBSTETRICAL WORK SHEET

Heart Rate..... 156/mt. Regulr.

Foetal Biometry:-

B.P.D..... Measures - 57.0 MM corresponds 23 W 3 d.

H.C..... Measures - 210.5 MM corresponds 23 W 1 d.

Abdominal circumference..... Measures - 163.4 MM corresponds 21 W 3 d.

F.M.L..... Measures - 39.9 MM corresponds 22 W 6 d.

Foetal long bones :-

TIB..... Measures - 35.2 MM corresponds 23 W 2 d.

HUM..... Measures - 36.7 MM corresponds 22 W 5 d.

Foetal cranium:-

CEREB..... Measures - 25.3 MM corresponds 22 W 6 d.

C.M..... Measures - 4.2 MM

OOD Measures - 35.9 MM corresponds 22 W 6 d.

IOD Measures - 14.9 MM.

U/S Mean Gestational age..... 22 weeks 6 days .

Foetal weight..... 486 gms $\pm$ 71 gms (by different methods)

U/S E.D.D..... 11/11/2023 $\pm$ 10 Days.

(L.M.P. 10/02/2023. Gestational age by L.M.P.- 22 weeks. E.D.D. by L.M.P.- 17/11/2023)

DOPPLER ASSESMENT & COLOUR FLOW IMAGING

RIGHT UTERINE ARTERY FLOW

Doppler

PSV - 64.83 cm/s.

EDV - 30.57 cm/s.

TAmx - 42.15 cm/s.

P.I. - 0.81

R.I. - 0.53

S/D - 2.12

FOR ANY EMERGENCY : 93295 35721, 98818 51509, 93008 33541

MRI & ADVANCED C T SCAN

SONOGRAPHY

DIGITAL X-RAY

MRI SUDHIR X-RAY & DIAGNOSTICS SUDHIR C.T. SCAN & RESEARCH CENTRE

SEMIRA 1.5 TESLA | MRI 1.5 TESLA | ADVANCED C T SCAN | DIGITAL X-RAY
5D - 4D COLOUR ULTRASONOGRAPHY

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Diagnosics
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PT'S NAME.....MRS. SANNU KUMARI

LEFT UTERINE ARTERY FLOW

Doppler

PSV - 39.03 cm/s.

EDV - 20.33 cm/s.

TAmx - 27.58 cm/s.

P.I. - 0.68

R.I. - 0.48

S/D - 1.92

The sensitivity of ultrasonography has it's limitations in detections congenital anomalies because of moving fetal positions, maternal fat, amount of liquor, nature of abnormalities presenting at different fetal ages, overlapping foetal parts and the abnormalities that are not obvious morphologically.

INFERENCE, INTRACARDIAC ECHOGENIC FOCUS & MILD PELVIECTASIS

FOETAL BOTH KIDNEYS SEEN (SOFT MARKERS).

HIGH RISK OF TRISOMY 21 BASED ON USG MARKERS.

PLACENTA IS LOW LYING AT PRESENT.

SINGLE VIABLE FOETUS CEPHALIC IN POSITION

MEAN GESTATIONAL AGE OF 22 WEEKS 6 DAYS DURATION.

COLOUR FLOW IMAGING NORMAL (UTERINE ARTERY FLOW)

ADVICE :- QUADRUPLE MARKER TEST

NIPT SCREENING

I have not detected or disclosed the sex of the foetus to anybody in any manner.

This document is medical report cannot be used for other purposes.

DR. GAURAV KOHLI
D.M.R.D.
(SENIOR SONOLOGIST & RADIOLOGIST)
FORMER REGISTRAR SEC - 9 HOSP.

DR. SUDHIR KUMAR SIPUKLA
M.D., FIAMS (RADIOLOGY)
HON. PROFESSOR ACADEMY OF
MEDICAL SPECIALIST
(CHIEF SONOLOGIST & RADIOLOGIST)

Note- Facility of 1.5 T Latest version silent M.R.I.

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MRI & ADVANCED C T SCAN

SONOGRAPHY

DIGITAL X-RAY

PC 425
ABR - Nil

Quad marker

24

Imp - 10 करवरी 23

Birth - 23/11/1995

H - 149

W - 48.5