



# ALURWAR

## DIAGNOSTIC CENTER

### AND POST GRADUATE TEACHING INSTITUTE

1.5 T MRI  
Silent

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Prof. Dr. Ravi R. Alurwar

M.B.B.S., M. D. (Radiodiagnosis)

M.M.C. Reg. No. 75487

#### FACILITIES

1.5 T SILENT MRI

WHOLE BODY MULTISLICE CT SCAN

5 D WHOLE BODY COLOR DOPPLER SONOGRAPHY

DIGITAL X-RAY | ELASTOGRAPHY | MAMMOGRAPHY

OPG | PATHOLOGY & MICROBIOLOGY

NAME :- MRS. POOJA CHANE

AGE :- 24 YEARS

DATE :- 14/11/22 18:37:13

REF.:- DR. D. C. ANAND

[M.B.B.S.]

### SONOGRAPHY OF GRAVID UTERUS - N.T. SCAN

*[THIS EXAMINATION IS DONE ON SAMSUNG PRESTIGE 5-D MOST ADVANCED WHOLE BODY COLOR DOPPLER ULTRASOUND SYSTEM.]*

THANK YOU DR. D.C. ANAND FOR THE REFERRAL.

- \* There is evidence of single, intrauterine, gestation sac with well defined fetal poles.
- \* Sonological maturity C.R.L. (Crown Rump Length) :- 6.22 cm = 12 wk 4 day  $\pm$  0 wk 6 days.
- \* Which is Corresponding with the period of amenorrhoea.
- (LMP :- 15/08/2022. Calculated Gestation Age:- 13 wk 0 days.)
- \* Expected Date of Delivery is 25/05/2023.
- \* Cardiac activity and fetal movements are seen.
- \* The heart rate is 170 beats per minute and regular.
- \* The amniotic fluid index is adequate.
- \* The chorion frundosum {Future Placenta} is developing POSTERIOR Grade I maturity.
- \* CERVIX :- Measures 4.0 cm x 2.6 cm x 2.8 cm in dimensions. The endocervical canal echos measures 0.4 cm in thickness, and are well approximated. The internal oss is sonologically closed - Not incompetent at present.
- \* No obvious congenital anomaly is detected.

*(It must be noted that detailed fetal anatomy may not always be visible due to technical difficulties related to fetal position, amniotic fluid volume, fetal movements and abdominal wall thickness. Therefore all fetal anomalies may not necessarily be detected at every examination.)*

- \* No evidence of fibroid is seen.
- \* Both ovaries and adenexa appears normal.

Nuchal thickness NT is 0.10 cm and normal for CRL.

- \* Ductus venous flow is normal.
- \* No evidence of tricuspid regurgitation seen.
- \* Nasal bone is seen and is normal.
- \* Mean P.I. value of uterine artery is 1.6 (Negative predictor for preeclampsia).

#### IMPRESSION :-

- \* SINGLE, INTRAUTERINE, GESTATION SAC WITH WELL DEFINED FETAL POLES.
- \* SONOLOGICAL MATURITY IS 12WK 4 DAYS. WHICH IS CORRESPONDING WITH THE PERIOD OF AMENORRHÖEA.
- \* CARDIAC ACTIVITY AND FETAL MOVEMENTS ARE SEEN.
- \* THE CHORION FRUNDOSUM {FUTURE PLACENTA} IS DEVELOPING POSTERIOR GRADE I MATURITY.
- \* BOTH OVARIES AND ADENEXA APPEARS NORMAL.
- \* NUCHAL THICKNESS NT IS 0.10 CM AND NORMAL.
- \* DUCTUS VENOUS FLOW IS NORMAL.
- \* NASAL BONE IS SEEN AND IS NORMAL.
- \* MEAN P.I. VALUE OF UTERINE ARTERY IS 1.6 (NEGATIVE PREDICTOR FOR PREECLAMPSIA).

ADVICE :- FOLLOW UP STUDY AFTER ONE MONTH FOR GROWTH RATE.

*[WHILE DOING SONOGRAPHY, I HAVE NEITHER SEEN NOR DISCLOSED THE SEX OF FOETUS TO ANY ONE IN ANY MANNER.]*

NP 104

Mrs. Pooja Chanc-

Female Age - 24.

Dr. D.C. Anand (M.B.B.S)

Weight: - 48 kg.

Height: - 5.4

Sugar: - NO.

Date of Birth: - 7-5-1998