

Patient's Name:- SMT. SAVITA
Ref. by:- DR.JUHI AGARWAL (MBBS MD)

Age/Sex :-25 Y/F
DATE :- 21/08/2023

Down's screening protocol (11 to 14th weeks scan) (45 to 84 mm CRL)

AP- 17/05/2023

EDD(LMP)-21-02-2024

GA(LMP)- 13 W 5 D

Nasal bone (NB) - Both foetal nasal bones appears ossified & normal for gestational age.

★ Nuchal translucency (NT) - Nuchal translucency measured at midline sagital foetal position is profile view measured = 1.80 mm by automated NT software measurement appears to fall within normal range for gestational age.

★ Tricuspid regurgitation - No evidence of any obvious tricuspid regurgitation visualized on ventricular systole.

★ Ductus venous - Foetal ducts venous localized in intra portion connecting the umbilical vein to IVC, shows normal flow on colour doppler examination spectral doppler study reveal normal continues biphasic flow, S wave, DW are & a ware appears normal no evidence of any reversal of A ware noted suggestive of - Normal ductal venous flow indices.

★ Biometry -

- Foetal CRL measuring 59.24 mm corresponds to 12 wks 3 days of gestational age.
- Expected Date of Delivery = 01/03/2024
- Cardiac activity measuring 161 beats/min appears regular and rhythmic.
- Internal os is closed & cervical length is well maintained (cervical length measured = 4.1 cm).
- Placenta is Anterior involving upper ,mid ,lower uterine segment (approx 2.4 cm away from internal os). (Grade-Zero)
- No evidence of any concealed haemorrhage.
- Liquor is adequate with normal foetal movements noted.
- Both ovaries appears normal in size, shape & echopattern.
- Bilateral adnexal region appear normal in echopattern.



IMPRESSION: -

Single live intrauterine foetus corresponds to 12 wks 3 days of gestational age reveal normally ossified with nasal bones normal ductal venous spectral flow pattern, no evidence of tricuspid regurgitation & nuchal translucency fall with normal range for gestational age.

Nuchal translucency measured = 1.80 mm by automated NT software. Discrepancy is noted between gestational age by LMP and calculated gestational age by USG, most probably due to mistaken dates/delayed conception.

Right uterine PI measured = 1.56, left uterine PI measured = 2.46 mean uterine PI measured = 2.01 appears to fall within normal limits for the gestational age. However, left uterine artery shows early diastolic notching (advise follow up).

Service :- Biochemical marker correlation and Target Scan at 18 to 20 weeks

Declaration of Doctor / Person conducting U.S.G./Image Scanning

Dr. Richa Gupta declare that while conducting U.S.G. on Smt. Savita we neither declared nor disclosed the sex of her foetus to anybody in any manner.

Consultant Radiologist
Reg. No. MP-10271
Dr. Richa Gupta
(Radiologist)

This report is only a professional opinion and not the diagnosis. It should be clinically interpreted by the clinician.