



Patient's Name:- SMT.RANI

Ref. by:- DR. JUHI AGARWAL (MBBS MD)

Age/Sex :- 31 Y/F

DATE :- 20/04/2023

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

MP- 23/01/2023

EDD(LMP)-30-10-2023

GA(LMP)- 12 W 3 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 = 1.60 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 o A ware noted suggestive of - Normal ductal venous flow indices.
- ★ **Biometry** –
 - Foetal CRL measuring 63.10 mm corresponds to 12 wks 5 days of gestational age.
 - Expected Date of Delivery = 28/10/2023
 - Cardiac activity measuring 167 beats/min appears regular and rhythmic.
 - Internal os is closed & cervical length is well maintained (cervical length measured = 3.7 cm)
 - Placenta is Posterior involving upper mid & lower uterine segment (approx 1.0 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 5 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 = 1.60 mm by automated NT software.
- ★ Right uterine PI measured = 0.87, left uterine PI measured = 1.12 mean uterine PI measured = 0.99 appears to fall within normal limits for the gestational age.

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

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

I, **Dr. Richa Gupta** declare that while conducting U.S.G. on Smt. Rani

I have neither declared nor disclosed the sex of her foetus to anybody in any manner.

Consultant Radiologist
Reg. No. MP/16271
Signature
(Radiologist)

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