



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

Age/Sex :- 28 Y/F  
DATE :- 12/09/2023

### Down's screening protocol (11 to 14<sup>th</sup> weeks scan) (45 to 84 mm CRL)

MP- 18/06/2023

EDD(LMP)-24-03-2024

GA(LMP)- 12 W 2 D

- Nasal bone (NB) – Both foetal nasal bones appears ossified & normal for gestational age .
- ☆ Nuchal translucency (NT) – Nuchal translucency measured at midline sagittal foetal position is profile view measured = 1.50 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 59.42 mm corresponds to 12 wks 3 days of gestational age.
  - Expected Date of Delivery = 23/03/2024
  - Cardiac activity measuring 165 beats/min appears regular and rhythmic.
  - Internal os is closed & cervical length is well maintained (cervical length measured = 3.5 cm).
  - Placenta is Posterior 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.





- Topiwala National Medical Collage, Mumbai.
- Jaslok Hospital and Research Centre, Mumbai.
- Wockhardt Hospital, Mumbai.

**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 = 1.50 mm by automated NT software.
- Right uterine PI measured = 1.01, left uterine PI measured = 1.11 mean uterine PI measured = 1.06 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**

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

*Dr. Richa Gupta*  
Signature  
(Radiologist)  
Consent

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