

WEJN

2) Mrs. Naina Jain

Age - 21 y/o

Double Marker

DOB - 24/7/2004

CMP - 118/2024

Height - 5'9"

Weight - 48.0 Kg.

Ductus venosus waveform RI

• Placenta - Posterior, Grade - 0. 0.58

• Cervix and vagina appears normal.

• Os closed.

• Both ovaries are

Reg No : 411498  
 Name : NAINA JAIN Sex/Age : F/21 Y  
 Referred By : Dr. MANSI GULATI DNB

Date 28/10/2024

## PELVIC SONOGRAM

- LMP date 01/08/2024, gestation age by LMP - 12 weeks 04 days.
- **Single intrauterine gestational sac with foetal pole is seen at the time of examination.**
- BPD measures 1.7 cm. corresponds to 12 weeks 05 days.
- CRL measures 5.66 cm. corresponds to 12 weeks 02 days.
- **Foetal cardiac activity is noted.**
- **Foetal heart rates 161 b/min. Regular.**
- Nuchal translucency -1.3 mm.
- Nasal bone seen.
- Three vessels umbilical cord seen.
- Risks from history only

Trisomy 21: 1 in 1000

Trisomy 18: 1 in 2500

Trisomy 13: 1 in 10000

- Risks from history plus NT, FHR

Trisomy 21: 1 in 10000

Trisomy 18: 1 in 10000

Trisomy 13: 1 in 10000

Low risk for trisomy-21,18 and 13.

- **Ductus venosus waveform** : - Ductus venosus waveform shows normal color filling and flow. Normal spectral pattern seen as forward diastolic flow. No a wave reversal seen.

	RI	PI	S/D
<b>Ductus venosus waveform</b>	0.58	0.79	2.4

- **Placenta - Posterior, Grade - 0.**
- Cervix and vagina appears normal.
- Os closed.
- Both ovaries appear normal in size and echotexture.
- No adenexal mass lesion / collection noted.
- No free fluid is seen in cul-de-sac.
- Urinary bladder shows normal uniform wall thickness with smooth inner margin.

- **Bilateral uterine Doppler** : - Uterine artery shows normal color filling and flow. Normal spectral pattern seen as forward diastolic flow.

ARTERY	RI	PI	S/D
Right Uterine Artery	0.80	1.89	4.9
Left Uterine Artery	0.79	1.94	4.8

Mean uterine artery PI - 1.91 ( 74 percentile,normal)

Paras Diagnostic Services

C/o - Amar Tractors, In opp. of Gauri Shankar Petrol Pump, Near Old Bus Stand Chowk, G.E. Road, Rajnandgaon (C.)

**PARAS**

Date 28/10/2024

Reg No	: 411498	Sex/Age : F/21 Y
Name	: NAINA JAIN	
Referred By	: Dr. MANSHI GULATI DNB	

### IMPRESSION

- Single intrauterine gestational sac with foetal pole is seen at the time of examination of about 12 weeks 04 days of gestational age.
- Expected date of delivery by ultrasound: 08/05/2025 +/- 10 Days.
- Normal nuchal translucency .
- Nasal bone is ossified.
- Normal ductus venosus flow pattern.
- Bilateral uterine artery PI values are within normal limit.

**Advice - Clinical correlation and follow up at 18-20 weeks for Anomaly scan.**

I Dr. Naresh Vatwani , Declare That While Conducting Ultrasonography Image Screening On Mrs.Komal , I Have Neither Detected Nor Disclosed The Sex Of Her Foetus To Anybody In Any Manner.

Thanks For Referral.

Typed by-priya

*NaV*

**DR. NARESH VATWANI**  
(MBBS, DMRD )  
**CONSULTANT RADIOLOGIST**

Note : These Report For Assisting Doctor's/physician's In Their Treatment And Not For Medico - Legal Purpose and Should Be Correlated Clinically To Rule Out Congenital Anomalies Of Fetal Extremities A Level II Ultrasound Scan By 4D Ultrasound Machine Is Recommended. Not All The Congenital Anomalies Can Be Detected Sonographically.

#### Few Quotes For Obstetrics Ultrasound :-

- Normal Ultrasound Is Not A Guarantee Of A Normal Child, Many Conditions Are Missed On Ultrasound.
- On Average One Third To One Half Of fetal Structure Birth Defects Are Not Detected With Ultrasound.
- Due Dates By Ultrasound Are Not That Exact As Measurement Are Based On Flat Image Of 3D Fetus Accuracy 1<sup>st</sup> Trimester - One Weeks, 2<sup>nd</sup> Trimester - 2 Weeks 3<sup>rd</sup> Trimester - 3 Weeks.
- Sonographic Estimates Are No More Accurate Than Clinical Estimates Of Fetal Weight.
- USG Has Certain Limitation Some Fetal Anomalies Can Go unnoticed Depending Upon The Nature Of Anomaly, Gestational Age, Fetal Position, Limitation of USG Study.
- Advised To Be Reviewed/Repeat Scan SOS, If And when Required.

TM



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**PARAS**