

|                                   |                            |
|-----------------------------------|----------------------------|
| PATIENT NAME: MRS. RUPA BISWAS    | DATE: 09/07/2024           |
| REF PHY: DR.A.B.FUZAYEL AHMED, MD | AGE/SEX: 21 YEARS / FEMALE |

### EARLY ANOMALY SCAN

|                |                |            |                       |    |    |    |    |    |
|----------------|----------------|------------|-----------------------|----|----|----|----|----|
| LMP:09-03-2024 | ▼GA(LMP):17w3d | ▲AUA:17w4d | EDD by LMP:14-12-2024 |    |    |    |    |    |
| 0              | 5              | 10         | 15                    | 20 | 25 | 30 | 35 | 40 |

| Dating                          | LMP             | GA    |      | EDD        |
|---------------------------------|-----------------|-------|------|------------|
|                                 |                 | Weeks | Days |            |
| By LMP                          | LMP: 09/03/2024 | 17    | 3    | 14/12/2024 |
| By USG                          |                 | 17    | 4    | 13/12/2024 |
| AGREED DATING IS (BASED ON LMP) |                 |       |      |            |

There is a single gestation sac in uterus with a single fetus within variable in position.

The fetal cardiac activities and body movements are well seen.

Placenta: Fundo body posterior, grade I maturity, away from internal os.

Amniotic Fluid: Liquor volume is adequate.

Internal os is closed and length of cervix is normal. 3.0 cm.

| Fetal growth parameters | mm                    | Weeks            | Days | Percentile      |
|-------------------------|-----------------------|------------------|------|-----------------|
| Biparietal Diameter     | 37.7                  | 17               | 4    | 54% + — — — +   |
| Head circumference      | 141.5                 | 17               | 3    | 41.7% + — — — + |
| Nasal Bone Length       | 4.8                   |                  |      | 87.7% + — — — + |
| Abdominal Circumference | 119.5                 | 17               | 5    | 56.4% + — — — + |
| Femoral Length          | 24                    | 17               | 2    | 37.5% + — — — + |
| Fetal Weight            | 196 Grams + 29 Grams. |                  |      | 45.2% + — — — + |
| Heart Rate              | 131 Beats Per Minute. |                  |      |                 |
| FL/AC = 20.1            |                       | HC/AC = 1.18     |      |                 |
| FL/BPD = 63.7           |                       | BPD/OFD = 71.97% |      |                 |

| Sr. No. | 2 <sup>nd</sup> Trimester Aneuploidy Markers |             |
|---------|----------------------------------------------|-------------|
| 1       | Intracardiac Echogenic Focus                 | Present     |
| 2       | Ventriculomegaly                             | Absent      |
| 3       | Increased Nuchal Fold                        | Absent      |
| 4       | Echogenic Bowel                              | Absent      |
| 5       | Mild Hydronephrosis                          | Absent      |
| 6       | Short Humerus                                | Absent      |
| 7       | Short Femur                                  | Absent      |
| 8       | Aberrant Right Subclavian Artery             | Absent      |
| 9       | Absent or Hypoplastic Nasal Bone             | Normal size |
|         | Apriori Risk (From Maternal Age):            | 1 in 1060   |
|         | LR Ratio:                                    | 0.95        |
|         | Trisomy21 Risk:                              | 1 in 1116   |



| <u>Vessels</u>                | <u>S/D</u> | <u>RI</u> | <u>PI</u> | <u>PI Percentile</u>                                                                     | <u>Remarks</u>      |
|-------------------------------|------------|-----------|-----------|------------------------------------------------------------------------------------------|---------------------|
| Right Uterine Artery          | 2.06       | 0.51      | 0.8       | 3.7%   | Within Normal Limit |
| Left Uterine Artery           | 3.07       | 0.67      | 1.17      | 38.6%  | Within Normal Limit |
| Uterine Arteries<br>Mean PI = |            |           | 0.985     | 16%    | Normal              |
| Umbilical Vein                | **         | **        | **        | Non-pulsatile waveform (normal)<br>Umbilical Vein                                        |                     |

#### HEAD

Midline falx seen.

Both lateral ventricles appear normal, 6.2 mm

The cerebellum and cisterna magna, 4.4 mm are normal.

No intracranial calcification is identified.

#### SPINE

Entire spine visualized in longitudinal and transverse axis.

Vertebrae and spinal canal appear normal.

No evidence of neural tube defect is noted.

#### NECK

No cystic lesion seen around the neck.

The Nuchal fold thickness measures, 3.5 mm.

#### FACE

Fetal face seen in the coronal and profile view.

Both Orbits, nose and mouth appeared normal.

#### THORAX

Heart appears in the mid position. Intra-cardiac Echogenic Focus noted in left ventricle.

Normal cardiac situs. Outflow tracks appears normal.

Both lung seen.

No evidence of pleural or pericardial effusion.

No evidence of SOL in the thorax.

Detailed Fetal Echocardiograph may be suggested at appropriate time if indicated.

#### ABDOMEN

Abdominal situs appeared normal.

Stomach bubble seen.

Normal bowel pattern appropriate for the gestation seen.

No evidence of ascites.

Abdominal wall intact.

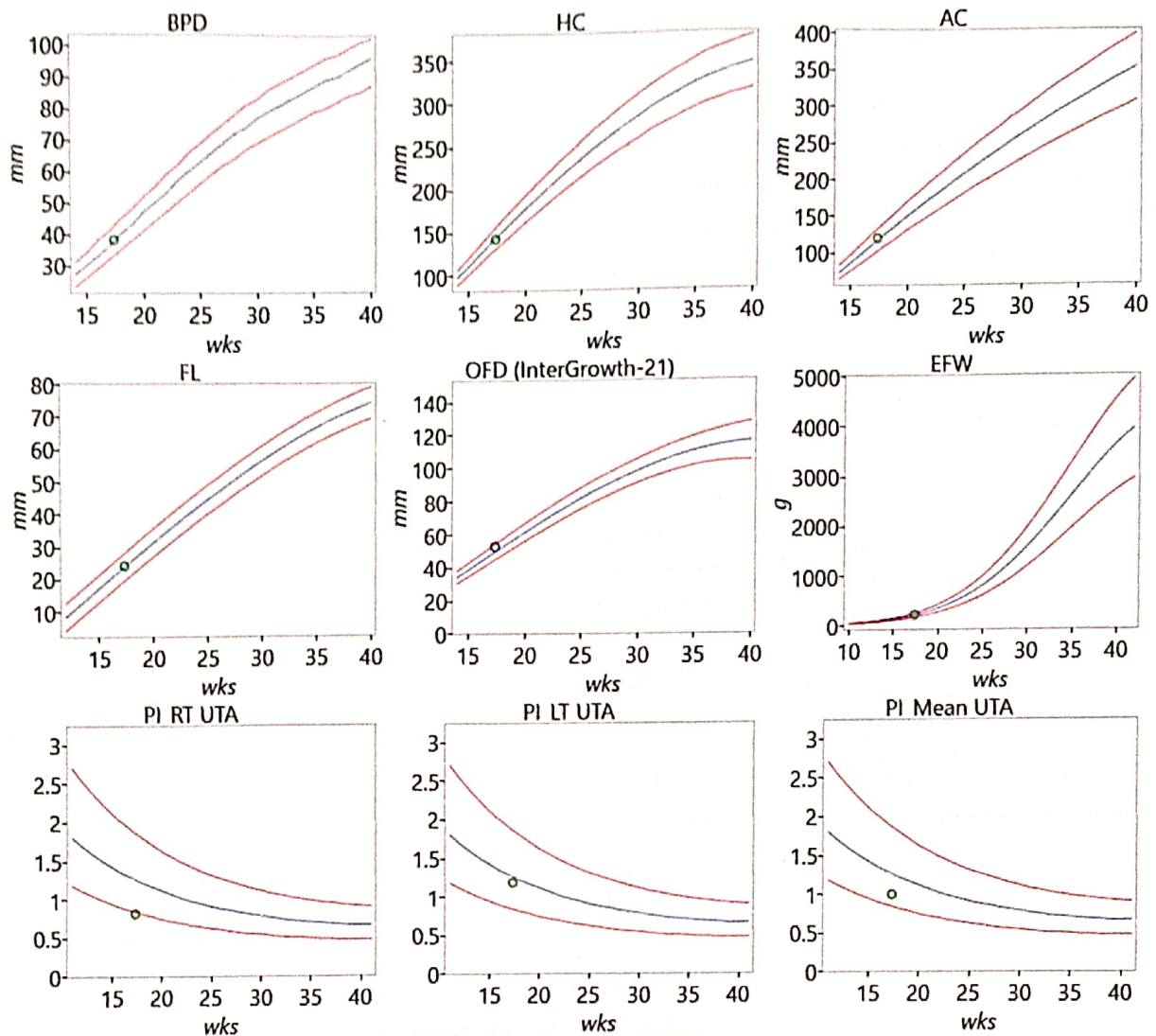
Fetal both kidneys appeared normal.

Fetal urinary bladder appeared normal

#### LIMBS

All fetal long bones visualized and appear normal for the period of gestation.

Both hands and feet appeared grossly normal.



**Additional finding: A sub-serosal fibroid of size 22 x 16mm is noted in fundal region of uterus.**

**Conclusion:**

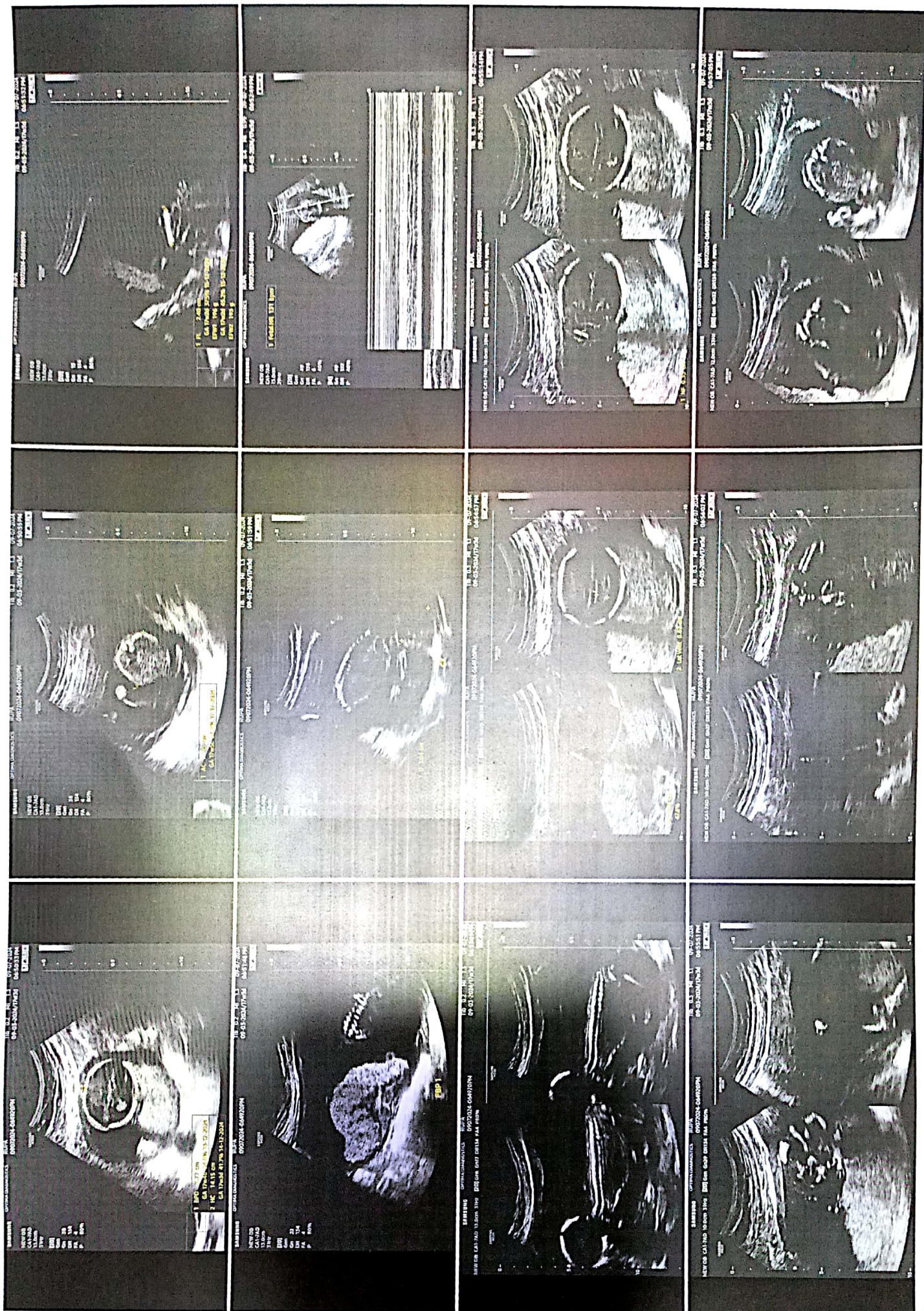
- SINGLE LIVE INTRAUTERINE FOETUS OF 17 WEEKS 4 DAYS IS PRESENT.
- INTRA-CARDIAC ECHOGENIC FOCUS IN LEFT VENTRICLE. NO OTHER SOFT MARKER OF ANEUPLOIDY SEEN.
- NO OTHER FETAL STRUCTURAL ANOMALY IS DETECTED AT THIS STAGE.

**Adv: Quadruple marker test.**

Please note that all anomalies can not be detected all the times due to various technical and circumstantial reasons like gestation period, fetal position, quantity of liquor etc

**Dr. Siva Dutta , MD,  
Consultant Radiologist  
Trained in Fetal Medicine**

[illegible]





# R. E. HOSPITAL

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 Regd. No. 17639

On Inhaler  
 Bronchial  
 Asthma

Re Bisauus

05/2/2024  
 Date: .....

*mib*  
*Birth*

*LMP*  
*9/03/2024*

Rx

2y

Pot + 18 mules of Pmmy for one  
 (2)

## Advice :

ABO, RH

HB%, RBS

VDRL, HBsAg

ANTI HCV

ARV ANTIBODY I & II

FT3, FT4, TSH

URE & C/S

LFT

KFT, Creatinine

ECG, X-Ray Chest (P/A)

USG

W/A -

Pelvis -

*Anomaly seen*

*Quadruple Marker*

*Use of wpt + Gravida Palmar (Pmmy)*  
*- Or China*

*For Domygon* — (60) = 2  
*oo — at bed km*

*For Tranferor* — (60) =  
*oo — v nfr brock*

*For CCR* — (30) =  
*oo — nfr brock.*

*For Duphaston 10* — (30)  
*oo — at bed km*

EMERGENCY CONTACT NO.: 9706193504





INVOICE CUM MONEY RECEIPT.  
OPDI-INV-G-281/2024

P-ID-6774 | OPDI-INV-6761

Name: Mrs. RUPA BISWAS  
Gender: Female | Age: 21yrs  
Contact No/Address: 7896723862/DUDPATHIL  
Ref By: Dr. A.B. FUZAYEL AHMED

Bill Date: 09/07/2024 04:27 PM  
Print Date: 09/07/2024 04:27 PM

| Investigations   | Price    | Report On  |
|------------------|----------|------------|
| USG ANOMALY SCAN | 2,700.00 | 10/07/2024 |

Payment Calculation.

|             |           |
|-------------|-----------|
| Test Amount | 2700.00/- |
| Total       | 2700.00/- |
| Paid        | 2700.00/- |
| Due         | 0.00/-    |

Payment In Words: Two Thousand Seven Hundred Only  
Received With Thanks.

Reception  
For Optima Diagnostics  
Ghungoor Police Outpost, SMC Road, Ghungoor Silchar-788014, Dist - Cachar, Assam



OPTIMA  
DIAGNOSTICS

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