



MER- MEDICAL EXAMINATION REPORT

| | | | |
|---|---------------------------|-------------|--------|
| Date of Examination | 22/12/2023 | | |
| NAME | Aasha Sudhanshu | | |
| AGE | 32 | Gender | Female |
| HEIGHT(cm) | 164 | WEIGHT (kg) | 67 |
| B.P. | 108/82 | | |
| ECG | Normal | | |
| X Ray | Normal | | |
| Vision Checkup | Color Vision: Normal | | |
| | Far Vision Ratio: Normal | | |
| | Near Vision Ratio: Normal | | |
| Present Ailments | No | | |
| Details of Past ailments (If Any) | No | | |
| Comments / Advice : She /He is Physically Fit | ✔ + | | |
| | | | |

Dr. Vipul Ghunda
MD (Internal Medicine)
Reg No. G- 15004

Signature with Stamp of Medical Examiner

23/12/23

BP 116/78 mmHg

Aasha

Pulse 100/w

Age: 32yrs

Wt 68.7 kg

ML X 6 months

OH: Nulliparous

Mh LMP: 21/12/22

Pamh: $\frac{24}{30}$ d Regular.

Ash / NAD
Pah

PIA - SAH

MS - G health
Pain tubes

AV - Ut AV
W SPA
BIL & free

- FA & reports

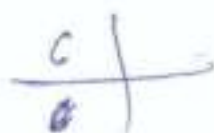
- exercise
- ↑ water intake
during menses

- Sos. 7. Metastasis
in X @ 2da
if ~~has~~ pain during
menses



Asha 32/F

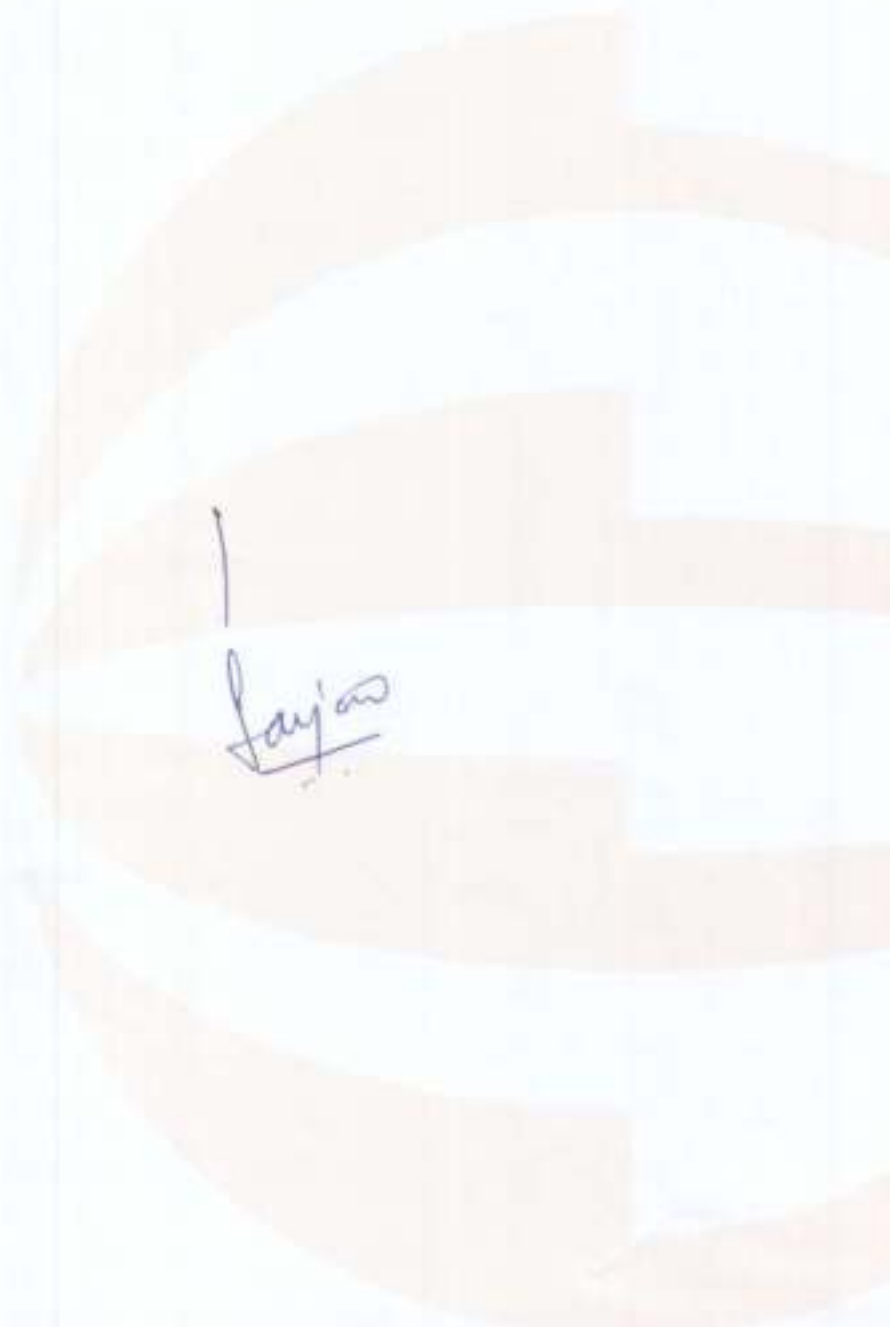
23/12/23


 RCT. → ~~600~~


 Class I.


 caries.

→ scaling.


 Laying



| | | | |
|------------------------------|----------------|----------|------------|
| NAME : | ASHA SUDRASANA | DATE : | 23/12/2023 |
| AGE/SEX: | 32Y/F | REG.NO : | 00 |
| REFERRED BY: HEALTH CHECK UP | | | |

X-RAY CHEST PA VIEW

- Both lung fields are clear.
- No evidence of consolidation or Koch's lesion seen.
- Heart size is within normal limit.
- Both CP angles are clear.
- Both dome of diaphragm appear normal.
- Bony thorax under vision appears normal.

Dr. Vidhi Shah
Radiologist
41469

Dr. VIDHI SHAH
MD RADIODIAGNOSIS



| | | | |
|------------------------------|----------------|----------|------------|
| NAME : | ASHA SUDRASANA | DATE : | 23/12/2023 |
| AGE/SEX: | 32Y/F | REG.NO : | 00 |
| REFERRED BY: HEALTH CHECK UP | | | |

USG ABDOMEN

LIVER: normal in size & shows normal echotexture. No evidence of dilated IHBR. No evidence of focal or diffuse lesion. CBD & Portal vein appears normal.

GALL-BLADDER: normal, No evidence of Gall Bladder calculi.

PANCREAS: appears normal in size & echotexture, No evidence of peri-pancreatic fluid collection.

SPLEEN: normal in size & shows normal echogenicity.

KIDNEYS: Right kidney measures 112 x 46 mm. Left kidney measures 109 x 49 mm. Both kidneys appear normal in size & echotexture. No evidence of calculus or hydronephrosis on either side.

URINARY BLADDER: appears normal and shows minimal distension & normal wall thickness. No evidence of calculus or mass lesion.

UTERUS: normal in size and echopattern. ET measures 16 mm. No e/o adnexal mass seen on either side.

USG WITH HIGH FREQUENCY SOFT TISSUE PROBE:

Visualized bowel loops appears normal in caliber. No evidence of focal or diffuse wall thickening. No collection in RIF. No evidence of Ascites.

CONCLUSION:

- NORMAL USG ABDOMEN.

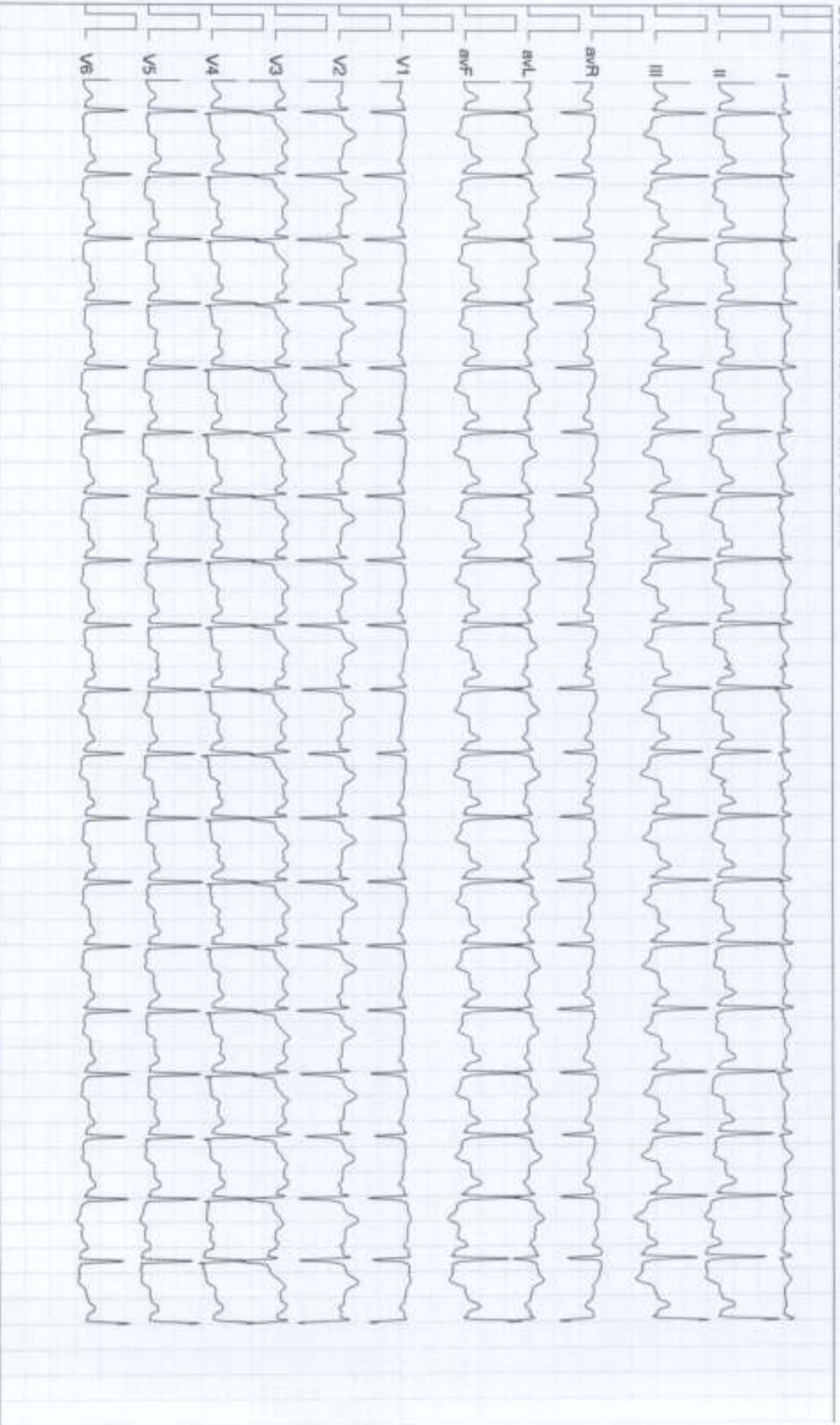
Dr. Vidhi Shah
M.D. Radiologist
G-41469

Dr. VIDHI SHAH
MD, RADIODIAGNOSIS



939 / ASHA SUDRASANA / 32 Yrs / F / 164 Cms / 67 Kg / HR 116

Date: 23/11/2023 09:47:16 AM BP: / / ECG On: Natch On HF: 0.95 Hz LF: 100 Hz



CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Prahladnagar, Ahmednagar Medias Report
939 / ASHA SUDRASANA / 32 Yrs / Female / 164 Cm / 67 Kg / Non Smoker



Date: 23/12/2023 09:47:10 AM MET: 1.0 HR: 108 TavgHR: 57% of 188 BP: 114/84 Pwr J @ 20mSec

ESTime: 00:00 Speed: 0.0 mph Grade: .00:00 @ 25 mmfSec 1.0 Cm/mV



CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Prabhakaran, Annamalai Medians Report
939 / ASHA SUDRASANA / 32 Yrs / Female / 164 Cm / 67 Kg / Non Smoker



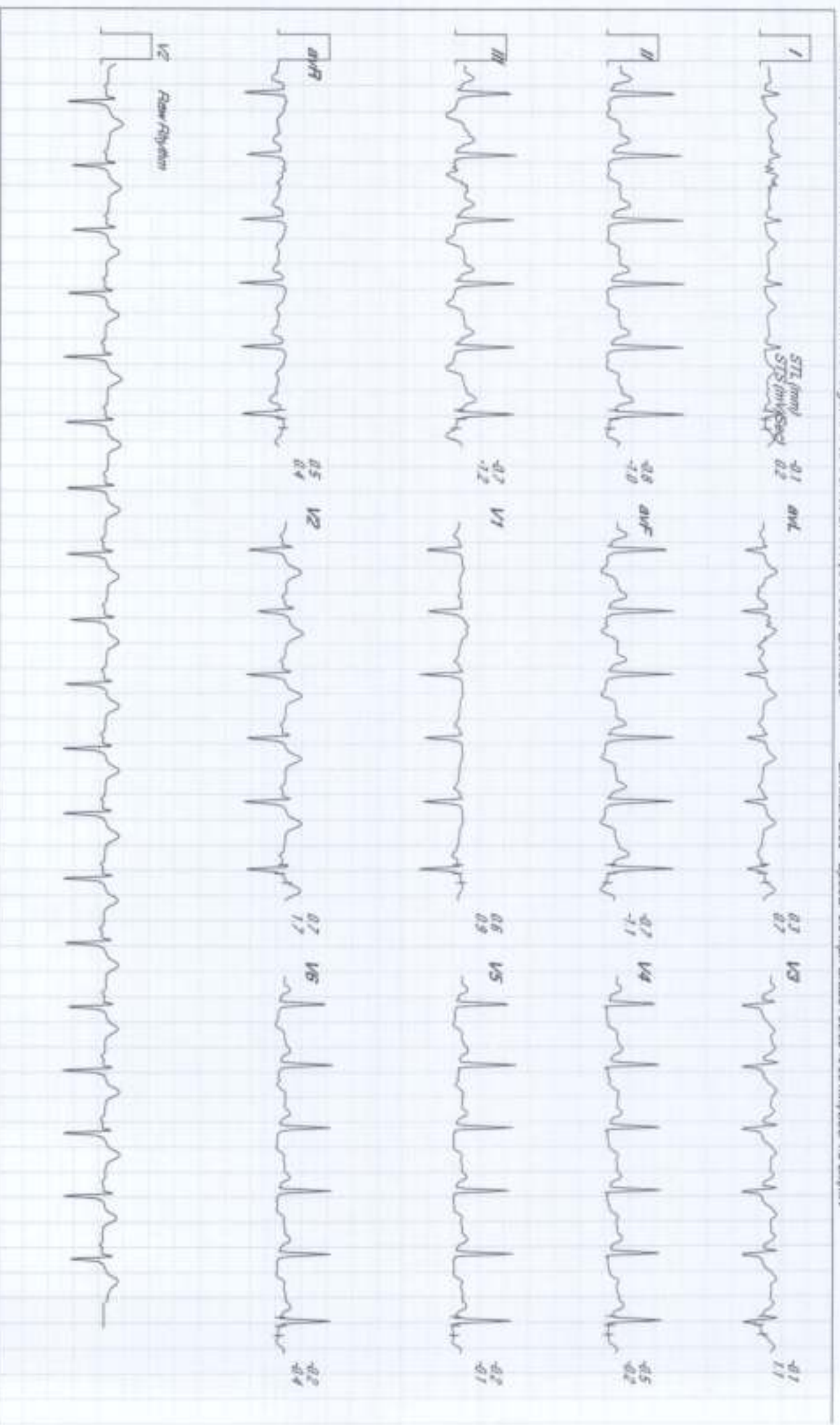
Date: 23/12/2023 08:47:10 AM NETS: 1.0 HR: 118 Tavgm/HR: 62% of 180 BP: 114/81 Pwr J @ 70mSec

ExTime: 00:00 Speed: 0.0 mm/Sec Circle: 00:00 % 25 mm/Sec 1.0 Cm/mV





Date: 23/12/2023 08:47:10 AM METS: 1.0 HR: 116 Taper/HR: 62% of 168 BP: 114/84 Pst J @ 00hSec EXTime: 00:00 Speed: 0.0 mph Grade: 00.00 % 25 mm/Sec: 1.0 OriginV



CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Prabhudnagar, Ahmedabad Medians Report
BRUCE : Stage 1 (03:00)



Date: 23/11/2023 09:47:10 AM METs : 4.7 HR : 139 Target HR : 74% of 188 BP : 120/84 Pwr : 1.00mSec E-Time : 01:00 Speed : 1.7 mph Grade : -10.00 % 25 mm/Sec 1.0 Cm/mV



Date: 23/12/2023 08:47:10 AM METZ: 10.5 HR: 161 Target HR: 96% of 188 BPM: 150.98 Pwr: J@betaSec

EVTime: 03:14 Speed: 4.2 mph Grade: 16.00 % 25 mmSec: 1.0 Cm/HR



CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Prabhudhargar, Ahmedabad Medians Report
Recovery : (00:30)



Date: 23/11/2021 09:47:10 AM METS : 22 HR: 178 Target HR: 94% of 188 BP: 099 Post J @ 60mSec

ExTime: 03:14 Speed: 1.1 mph Grade: 00.00 % ST: 25 mm/Sec: 1.8 Ohm/V



CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopal Restaurant, Prabhudnagar, Ahmedabad Medians Report
933 / ASHA SUDRASANA / 32 Yrs / Female / 164 Cm / 67 Kg / Non Smoker

Recovery : (01:00)



Date: 23/12/2023 08:47:10 AM METS: 4.2 HR: 162 Taper HR: 80% at 100 BP: 150/100 Pwr U @50mSec

Ex Time: 03:14 Speed: 1.1 mph Grade: 00.00 % 25 mm/Sec 1.0 Cm/mV



CONCEPT DIAGNOSTICS

Sahjanand Palace First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Pahladnagar, Ahmednagar Medians' Report
939 / ASHA SUDRASANA / 32 Yrs / Female / 164 Cm / 67 Kg / Non Smoker

Recovery : (02:00)



Date: 23/12/2023 08:47:10 AM METS : 1.0 HR: 144 Target HR: 77% of 160 BP: 140/98 Pwr: J @60mmSec

ETime: 09:14 Speed: 0.8 mph Grade: 00.00 % 25 mm/Sec 1.0 Cm/mV

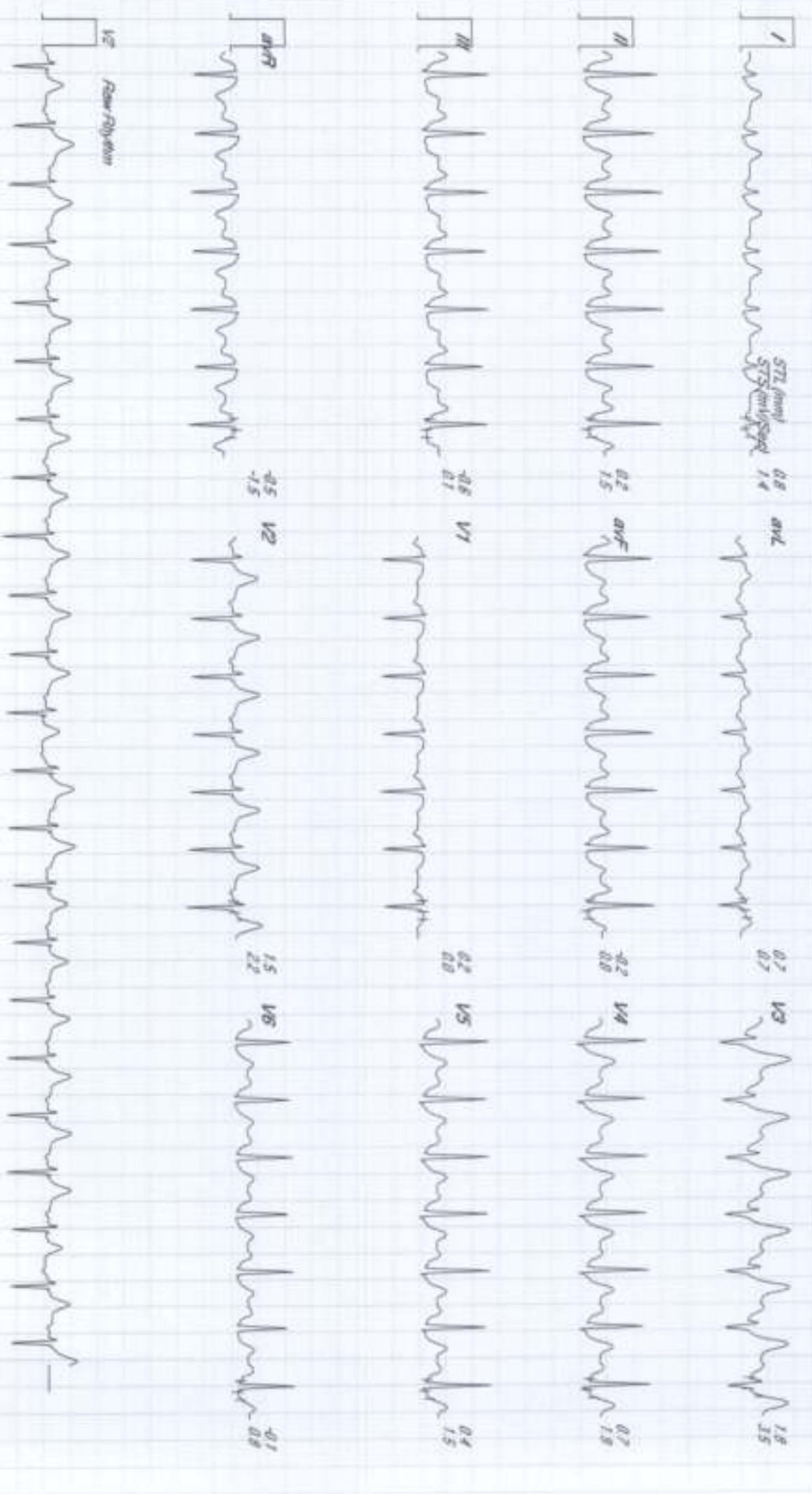


CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Prashadnagar, Annamalai Medians Report
930 / ASHA SUDRASANA / 32 Yrs / Female / 164 Cm / 67 Kg / Non Smoker



Date: 20/12/2023 09:47:10 AM METS: 1.0 HR: 134 Taper HR: 71% at 180 BPM 140/90 Ppt / @HelmSec Ex Time: 09:14 Speed: 0.0 mph Grade: 00.00 % 25 mm/Sec 1.0 Cm/mV



CONCEPT DIAGNOSTICS

Sahjanand Palace, First Floor, 100 Feet Anand Nagar Road Above Gopi Restaurant, Prabhachinagar, Ahmedabad Mediana's Report
9C3 / ASHA SUDRASANA / 32 Yrs / Female / 164 Cm / 67 Kg / Non Smoker



Date: 23/12/2023 08:47:10 AM METS: 1.0 HR: 142 Taper HR: 75% at 168 BP: 140/90 Pwd J @80mSec E-Time: 03:14 Speed: 0.0 mph Grade: 00.00 % 25 mm/Sec 1.0 Cm/mV





TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 10:17
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|--|---------------|-----------------------|--------------------|
| Complete Blood Count | | | |
| <u>Specimen: EDTA blood</u> | | | |
| Hemoglobin | | | |
| Hemoglobin(SLS method) | 12.1 | g/dL | 12.0 - 15.0 |
| Hematocrit (calculated) | 36.9 | % | 36 - 46 |
| RBC Count(Ele.Impedence) | H 4.85 | X 10 ¹² /L | 3.8 - 4.8 |
| MCV (Calculated) | L 76.1 | fL | 83 - 101 |
| MCH (Calculated) | L 24.9 | pg | 27 - 32 |
| MCHC (Calculated) | 32.8 | g/dL | 31.5 - 34.5 |
| RDW (Calculated) | 13.6 | % | 11.5 - 14.5 |
| Differential WBC count (Impedance and flow) | | | |
| Total WBC count | 7400 | /μL | 4000 - 10000 |
| Neutrophils | 60 | % | 38 - 70 |
| Lymphocytes | 29 | % | 21 - 49 |
| Monocytes | 07 | % | 3 - 11 |
| Eosinophils | 04 | % | 0 - 7 |
| Basophils | 00 | % | 0 - 1 |
| Platelet | | | |
| Platelet Count (Ele.Impedence) | 298000 | /cmm | 150000 - 410000 |
| MPV | 10.20 | fL | 6.5 - 12.0 |
| EDTA Whole Blood | | | |

Note: All abnormal hemograms are reviewed and confirmed microscopically. Peripheral blood smear and malarial parasite examination are not part of CBC report.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Swati Shah

M.B.D.C.P.
G-5456

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Generated On : 23-Dec-2023 15:28

Approved On: 23-Dec-2023 10:17

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 13:36
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|-----------|---------|-------|---|
| ESR | 23 | mm/hr | 17-50 Yrs : <12, 51-60 Yrs : <19, 61-70 Yrs : <20, >70 Yrs : <30 |

*Capillary Microphotometry***Sample Type:** EDTA Whole Blood

Test done from collected sample.

This is an electronically authenticated report.

**Approved by: Dr. Avinash B Panchal**MBBS,DCP
G-44623

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Generated On : 23-Dec-2023 15:28**Approved On:** 23-Dec-2023 13:36

TEST REPORT

Reg. No. : 312100656 Reg. Date : 23-Dec-2023 08:40 Ref.No : Approved On : 23-Dec-2023 10:49
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA Collected On : 23-Dec-2023 08:57
Age : 32 Years Gender: Female Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|--|----------|-------|--------------------|
| BLOODGROUP & RH | | | |
| <u>Specimen: EDTA and Serum; Method: Gel card system</u> | | | |
| Blood Group "ABO" <i>Agglutination</i> | "B" | | |
| Blood Group "Rh" <i>Agglutination</i> | Positive | | |
| EDTA Whole Blood | | | |

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Swati Shah

M.B.D.C.P.
G-5456

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Generated On : 23-Dec-2023 15:28

Approved On: 23-Dec-2023 10:49

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 11:42
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|---|---------|-------|---|
| <u>FASTING PLASMA GLUCOSE</u> <u>Specimen: Fluoride plasma</u> | | | |
| Fasting Plasma Glucose <i>Hexokinase</i> | 94.56 | mg/dL | Normal: <=99.0 Prediabetes: 100-125 Diabetes :>=126 |

Fluoride Plasma

Criteria for the diagnosis of diabetes:

- HbA1c >= 6.5 *
Or
- Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.
Or
- Two hour plasma glucose >= 200mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.
Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose >= 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34:S11.

Test done from collected sample.

This is an electronically authenticated report.

**Approved by: Dr. Swati Shah**M.B.D.C.P.
G-5456

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Generated On : 23-Dec-2023 15:28**Approved On:** 23-Dec-2023 11:42

TEST REPORT

Reg. No. : 312100656 Reg. Date : 23-Dec-2023 08:40 Ref.No : Approved On : 23-Dec-2023 12:26
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA Collected On : 23-Dec-2023 11:04
Age : 32 Years Gender: Female Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|---|----------|-------|---|
| POST PRANDIAL PLASMA GLUCOSE Specimen: Fluoride plasma | | | |
| Post Prandial Plasma Glucose <i>Hexokinase</i> | L 122.79 | mg/dL | Normal: <=139 Prediabetes : 140-199 Diabetes: >=200 |
| Flouride Plasma | | | |

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Swati Shah

M.B.D.C.P.
G-5456

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Generated On : 23-Dec-2023 15:28

Approved On: 23-Dec-2023 12:26

TEST REPORT

Reg. No. : 312100656 **Reg. Date :** 23-Dec-2023 08:40 **Ref.No :** **Approved On :** 23-Dec-2023 11:01
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On :** 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At :**
Ref. By : APOLLO **Tele No. :** 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|---|---------------|-------|---|
| LIPID PROFILE | | | |
| CHOLESTEROL | 148.00 | mg/dL | Desirable <=200 Borderline high risk 200 - 240 High Risk >240 |
| Triglyceride <i>Enzymatic Colorimetric Method</i> | 84.00 | mg/dL | <150 : Normal, 150-199 : Border Line High, 200-499 : High, >=500 : Very High |
| Very Low Density Lipoprotein(VLDL) <i>Calculated</i> | 17 | mg/dL | 0 - 30 |
| Low-Density Lipoprotein (LDL) <i>Calculated Method</i> | 110.03 | mg/dL | < 100 : Optimal, 100-129 : Near Optimal/above optimal, 130-159 : Borderline High, 160-189 : High, >=190 : Very High |
| High-Density Lipoprotein(HDL) | 20.97 | mg/dL | <40 >60 |
| CHOL/HDL RATIO <i>Calculated</i> | H 7.06 | | 0.0 - 3.5 |
| LDL/HDL RATIO <i>Calculated</i> | H 5.25 | | 1.0 - 3.4 |
| TOTAL LIPID <i>Calculated</i> | 424.00 | mg/dL | 400 - 1000 |
| Serum | | | |

As a routine test to determine if your cholesterol level is normal or falls into a borderline-, intermediate- or high-risk category.
 To monitor your cholesterol level if you had abnormal results on a previous test or if you have other risk factors for heart disease.
 To monitor your body's response to treatment, such as cholesterol medications or lifestyle changes.
 To help diagnose other medical conditions, such as liver disease.
 Note : biological reference intervals are according to the national cholesterol education program (NCEP) guidelines.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Swati Shah

M.B.D.C.P.
G-5456

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Generated On : 23-Dec-2023 15:28

Approved On: 23-Dec-2023 11:01

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 11:01
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|---|---------|-------|--------------------|
| LIVER FUNCTION TEST | | | |
| TOTAL PROTEIN | 7.63 | g/dL | 6.6 - 8.8 |
| ALBUMIN | 4.81 | g/dL | 3.5 - 5.2 |
| GLOBULIN <i>Calculated</i> | 2.82 | g/dL | 2.4 - 3.5 |
| ALB/GLB <i>Calculated</i> | 1.71 | | 1.2 - 2.2 |
| SGOT | 17.30 | U/L | <31 |
| SGPT | 12.80 | U/L | <31 |
| Alkaline Phosphatase <i>ENZYMATIC COLORIMETRIC IFCC, PNP, AMP BUFFER</i> | 50.90 | U/L | 40 - 130 |
| TOTAL BILIRUBIN | 0.68 | mg/dL | 0.1 - 1.2 |
| DIRECT BILIRUBIN | 0.18 | mg/dL | <0.2 |
| INDIRECT BILIRUBIN <i>Calculated</i> | 0.50 | mg/dL | 0.0 - 1.00 |
| Serum | | | |

Test done from collected sample.

This is an electronically authenticated report.

**Approved by: Dr. Swati Shah**M.B.D.C.P.
G-5456

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Generated On : 23-Dec-2023 15:28**Approved On:** 23-Dec-2023 11:01

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 11:01
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|----------------------------------|---------|-------|--------------------|
| KIDNEY FUNCTION TEST | | | |
| Urea | 20.9 | mg/dL | |
| Uric Acid (UA) <i>Uricase</i> | 3.48 | mg/dL | 2.4 - 5.7 |
| Creatinine | 0.56 | mg/dL | 0.51 - 1.5 |
| Serum | | | |

Test done from collected sample.

This is an electronically authenticated report.

**Approved by: Dr. Swati Shah**M.B.D.C.P.
G-5456

Page 8 of 12

Generated On : 23-Dec-2023 15:28**Approved On:** 23-Dec-2023 11:01

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 15:28
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|--|---------|-------|---|
| HEMOGLOBIN A1C (HBA1C) <i>High Performance Liquid Chromatography (HPLC)</i> | 5.40 | % | Normal: ≤ 5.6 Prediabetes: 5.7-6.4 Diabetes: ≥ 6.5 Diabetes Control Criteria : 6-7 : Near Normal Glycemia <7 : Goal 7-8 : Good Control >8 : Action Suggested |
| Mean Blood Glucose <i>(Calculated)</i> | 108 | mg/dL | |

Sample Type: EDTA Whole Blood

Criteria for the diagnosis of diabetes

- HbA1c ≥ 6.5 * Or Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs. Or
- Two hour plasma glucose ≥ 200 mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water. Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose ≥ 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011:34:S11.

Limitation of HbA1c

- In patients with Hb variants even analytically correct results do not reflect the same level of glycemic control that would be expected in patients with normal population.
 - Any cause of shortened erythrocyte survival or decreased mean erythrocyte survival or decreased mean erythrocyte age eg. hemolytic diseases, pregnancy, significant recent/chronic blood loss etc. will reduce exposure of RBC to glucose with consequent decrease in HbA1c values.
 - Glycated HbF is not detected by this assay and hence specimens containing high HbF ($>10\%$) may result in lower HbA1c values than expected. Importance of HbA1C (Glycated Hb.) in Diabetes Mellitus
- HbA1C, also known as glycated hemoglobin, is the most important test for the assessment of long term blood glucose control(also called glycemic control).
 - HbA1C reflects mean glucose concentration over past 6-8 weeks and provides a much better indication of longterm glycemic control than blood glucose determination.
 - HbA1c is formed by non-enzymatic reaction between glucose and Hb. This reaction is irreversible and therefore remains unaffected by short term fluctuations in blood glucose levels.
 - Long term complications of diabetes such as retinopathy (Eye-complications), nephropathy (kidney-complications) and neuropathy (nerve complications), are potentially serious and can lead to blindness, kidney failure, etc.
 - Glycemic control monitored by HbA1c measurement using HPLC method (GOLD STANDARD) is considered most important. (Ref. National Glycohaemoglobin Standardization Program - NGSP)
- Note : Biological reference intervals are according to American Diabetes Association (ADA) Guidelines.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: **Dr. Hiral Arora**

M.D. Biochemistry Page 9 of 12
Reg. No.: G-32999

Generated On : 23-Dec-2023 15:28

Approved On: 23-Dec-2023 15:28

TEST REPORT

Reg. No. : 312100656 **Reg. Date :** 23-Dec-2023 08:40 **Ref.No :** **Approved On :** 23-Dec-2023 15:28
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On :** 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At :**
Ref. By : APOLLO **Tele No. :** 8866433632
Location :

Bio-Rad CDM System
Bio-Rad Variant V-II Instrument #1

PATIENT REPORT
V2TURBO_A1c_2.0

Patient Data

Sample ID: 131203500523
Patient ID:
Name:
Physician:
Sex:
DOB:

Analysis Data

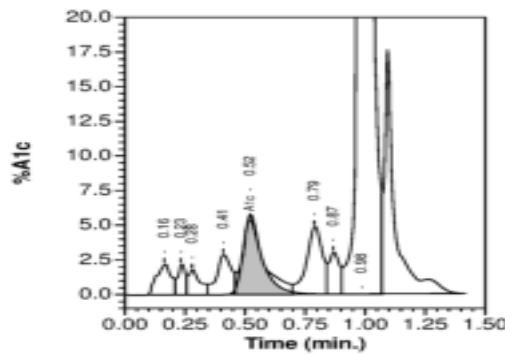
Analysis Performed: 23/12/2023 14:32:02
Injection Number: 9136
Run Number: 403
Rack ID:
Tube Number: 8
Report Generated: 23/12/2023 15:16:03
Operator ID:

Comments:

| Peak Name | NGSP % | Area % | Retention Time (min) | Peak Area |
|-----------|--------|--------|----------------------|-----------|
| A1a | --- | 1.4 | 0.164 | 19810 |
| A1b | --- | 0.7 | 0.233 | 10642 |
| F | --- | 0.9 | 0.278 | 12762 |
| LA1c | --- | 1.7 | 0.410 | 25166 |
| A1c | 5.4 | --- | 0.520 | 65999 |
| P3 | --- | 3.3 | 0.788 | 48042 |
| P4 | --- | 1.3 | 0.867 | 19505 |
| Ao | --- | 86.1 | 0.985 | 1246539 |

Total Area: 1,448,465

HbA1c (NGSP) = 5.4 %



Test done from collected sample.

This is an electronically authenticated report.



Approved by: **Dr. Hiral Arora**

M.D. Biochemistry Page 10 of 12
Reg. No.: G-32999

Generated On : 23-Dec-2023 15:28

Approved On: 23-Dec-2023 15:28

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 14:16
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|--|---------|--------|--------------------|
| THYROID FUNCTION TEST | | | |
| T3 (triiodothyronine), Total <small>CMIA</small> | 1.26 | ng/mL | 0.70 - 2.04 |
| T4 (Thyroxine), Total <small>CMIA</small> | 9.66 | µg/dL | 5.5 - 11.0 |
| TSH (Thyroid stimulating hormone) <small>CMIA</small> | 2.041 | µIU/mL | 0.35 - 4.94 |

Sample Type: Serum

Comments:

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Avani Patel

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Approved On: 23-Dec-2023 14:16

TEST REPORT

Reg. No. : 312100656 **Reg. Date** : 23-Dec-2023 08:40 **Ref.No** : **Approved On** : 23-Dec-2023 11:42
Name : Mrs. ASHA DINESHCHANDRA SUDRASANA **Collected On** : 23-Dec-2023 08:57
Age : 32 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** : 8866433632
Location :

| Test Name | Results | Units | Bio. Ref. Interval |
|--|-------------|-------|--------------------|
| <u>URINE ROUTINE EXAMINATION</u> | | | |
| <u>Physical Examination</u> | | | |
| Colour | Pale Yellow | | |
| Clarity | Clear | | |
| <u>CHEMICAL EXAMINATION (by strip test)</u> | | | |
| pH | 6.0 | | 4.6 - 8.0 |
| Sp. Gravity | 1.005 | | 1.002 - 1.030 |
| Protein | Nil | | Absent |
| Glucose | Nil | | Absent |
| Ketone | Nil | | Absent |
| Bilirubin | Nil | | Nil |
| Nitrite | Negative | | Nil |
| Leucocytes | Nil | | Nil |
| Blood | Absent | | Absent |
| <u>MICROSCOPIC EXAMINATION</u> | | | |
| Leucocytes (Pus Cells) | Nil | | 0 - 5/hpf |
| Erythrocytes (RBC) | Nil | | 0 - 5/hpf |
| Casts | Nil | /hpf | Absent |
| Crystals | Nil | | Absent |
| Epithelial Cells | Nil | | Nil |
| Monilia | Nil | | Nil |
| T. Vaginalis | Nil | | Nil |
| Urine | | | |

----- End Of Report -----

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Swati Shah

M.B.D.C.P.
G-5456

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