

Pt Name :- Mrs. Anuradha Singh Suman
 Age :- 35/F
 Date :- 28/08/2021

URINE ANALYSIS

| A. PHYSICALEXAMINATION | |
|--------------------------|-------------|
| 1. Colour | Pale Yellow |
| 2. Appearance | Clear |
| 3. Specific Gravity | Q.N.S. |
| B. CHEMICAL EXAMINATION | |
| 1. Reaction | Acidic |
| 2. Albumin | Nil |
| 3. Sugar | Nil |
| 4. Bile Salts | Absent |
| C. MICROSCOPIEXAMINATION | |
| Pus Cells | 2-3/HPF |
| R.B.C. | Nil |
| Epithelial cell | 1-2/HPF |
| Cast | Nil |
| Crystals(Cal.Oxa) | Nil |
| Bacteria | Nil |
| Amorphous | Nil |
| T. Vaginitis | Nil |

Dr. B. M. Agarwal
 MBBS DCP
 Pathologist
 Pathologist





Patient Name : MRS. ANURADHA SINGH SUMAN

Drawn : Aug 28, 2021, 04:09 p.m.
 Received : Aug 28, 2021, 04:09 p.m.
 Reported : Aug 28, 2021, 05:04 p.m.
 Status : Final Report

Patient ID : 49388
 Ref Doctor : SELF
 Age / Sex : 35 years/Female

| Test Description | Value(s) | Reference Range | Unit(s) |
|------------------|----------|-----------------|---------|
|------------------|----------|-----------------|---------|

THYROID PROFILE, TOTAL- (T3,T4,TSH)

| | | | |
|-------------------|-------|--------------|--------|
| T3-Total | 88.69 | 82 - 213 | ng/dL |
| T4-Total | 6.78 | 6.09 - 12.23 | ug/dL |
| TSH-Ultrasecutive | 4.44 | 0.45 - 4.5 | uIU/mL |

First Trimester : 0.1-2.5
 Second Trimester : 0.2-3.0
 Third trimester : 0.3-3.0

Interpretation

| TSH | T3 | T4 | Suggested Interpretation for the Thyroid Function Tests Pattern |
|------------------------|------------------------|------------------------|--|
| Raised | Within range | Within range | Raised Within Range Within Range, Isolated High TSH especially in the range of 4.7 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability. Subclinical Autoimmune Hypothyroidism, Intermittent 14 therapy for hypothyroidism. Recovery phase after Non-Thyroidal illness" |
| Raised | Decreased | Decreased | Chronic Autoimmune Thyroiditis Post thyroidectomy, Post radioactive iodine Hypothyroid phase of transient thyroiditis" |
| Raised or within range | Raised | range | Interfering antibodies to thyroid hormones (anti-TPO antibodies) Intermittent 14 therapy or T4 overdose • Drug interference- Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics. |
| Decreased | Raised or within range | Raised or within range | Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & Range Range associated with Non-Thyroidal illness. Subclinical Hypothyroidism. Thyroxine ingestion" |
| Decreased | Decreased | Decreased | Central Hypothyroidism, Non-Thyroidal illness. Recent treatment for Hypothyroidism (TSH remains suppressed)" |
| Decreased | Raised | Raised | Primary Hypothyroidism (Graves' disease), Multinodular goitre, Toxic nodule • Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum" |
| Decreased | Within Rang | Within range | T3 toxicosis • Non-Thyroidal illness |
| Within range | Within range | Within range | Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness in elderly the drop in T3 level can be upto 25%. |

Dr. Prince Lokwani
 Chief of Lab
 MD Pathologist

Pt Name :- Mrs. Anuradha Singh Suman
 Age :- 35/F
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EXAMINATION OF BLOOD

| TEST | RESULT | NORMAL VALUE |
|-------------------------|--------------|--|
| Haemoglobin | 10.1gms% | Female 12-16gms%, Male 14-18gms% |
| Red Cell count | 4.04 | 4.5-5.6 million /cumm |
| Platelet Count | 2.63 | 1.5-5.6 Lac/cumm |
| Leucocytes per.cumm | 12600/cumm | 5000-11000/cumm |
| Neutrophils | 62% | 50-70% |
| Lymphocytes | 21% | 20-40% |
| Eosinophils | 09% | 0-7% |
| Monocytes | 08% | 2-8% |
| PCV | 33.4 | 37-47 |
| MCV | 82.8 | 76-96 |
| MCH | 25.0 | 27-32 |
| MCHC | 30.2 | 31-35 |
| ESR | 15 | Male 0-9, Female 0-20mm/FHR |
| Blood Group | "O" Positive | By slide method |
| Total Serum Cholesterol | 168.0 | 100-250 mg% |
| Serum Triglyceride | 134.0 | Up to 150 mg% |
| Serum Cholesterol HDL | 46.0 | Up to 65 mg% |
| Serum Cholesterol LDL | 95.2 | Up to 125 mg% |
| VLDL | 26.8 | Up to 30 mg% |
| S.Bilirubin(Total) | 0.8 | 0.2-1.0mg/dl |
| Direct | 0.4 | 0.0-0.25mg/dl |
| Indirect | 0.4 | |
| SGOT | 23.0 | 5-35U/L |
| SGPT | 25.0 | 8-40U/L |
| Alk Phosphatase | 7.4 | 3-13 KA units |
| S. Protein(Total) | 6.9 | 6.0-8.0mg% |
| Albumin | 4.4 | 3.7-5.3mg% |
| Globulin | 2.0 | 1.5 to 3.5 mg% |
| Blood Urea | 18.0 | Up to 40 mg% |
| S.Creatine | 0.78 | 0.5-1.4mg/dl |
| S. Uric Acid | 5.5 | 3.5-7.5mg% |
| GGT | 20.0 | 5-35 UL/dl |
| Fasting Blood Sugar | 94.2 | Up to 110 mg% |
| PP Blood Sugar | 119.0 | Up to 125 mg% |
| Glycosylated Hemoglobin | 5.6 | Below - 6.0% -Non Diabetic control 6-7% -Excellent control Above- 8% -Poor control |

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 Pathologist

All test have technical limitation. Collaborative clinic pathological interpretation is mandatory. In case of disparity test may be repeated immediately. Typographical mistakes should be get correct instantly. This report is not valid for medical legal purpose

Pathologist





2 D & M Mode Echocardiography and Colour Flow Doppler Report

Name: Smt ANURADHA

Age: 35

Gender: Female

Referred By: sbi life insurance

Date 28-Aug-21

| M-Mode Measurements : | | Quantification by Echocardiography in Adults: JASE 2015) | |
|-----------------------|------------------------|--|------------------------------|
| VALUES OBSERVED in MM | NORMAL REFERENCE RANGE | Aortic Root Diam.(ed) | Aortic Valve Cusp Separation |
| 28.2mm | 26-39mm | 21 mm | 15-36 mm |
| 23.3mm | 19-35mm | Central | Central |
| 31.5mm | 30-40mm(men) | 31.5mm | 30-40mm(men) |
| 27.38mm(women) | 27-38mm(women) | 23.3mm | 27-38mm(women) |
| 6-10mm | 6-10mm | Left Ventricle I VS -end Diastole | 6-10mm |
| 8.7mm | 8-10mm | Posterior Wall - end Diastole | 8.7mm |
| 8.0mm | 6-10mm | Left Ventricle End Diastole | 8.0mm |
| 40.1mm | 42-58mm (Men) | Left Ventricle End Diastole | 40.1mm |
| 38-52mm (women) | 38-52mm (women) | Left Ventricle End Systole | 38-52mm (women) |
| 26.4mm | 25-40mm (Men) | End Systole | 26.4mm |
| 22-35mm(women) | 22-35mm(women) | 2D EF % | 22-35mm(women) |
| 65% | 54-74%(women) | | 54-74%(women) |

Observation : 2 D Chambers , Cardiac Valves & Pericardium

Average Acoustic Window.

Echocardiogram reveals Four chambered Heart.

Viseral and Cardiac Situs Solitus.

Atrio-Ventricular and Ventriculo-Arterial Concordance. Great Vessel Relationship is normal.

1.Cardiac Chambers :

Right Atrium is Normal in Dimensions.

Left Atrium is Normal in Dimensions

Right Ventricle is Normal in Dimensions

Left Ventricle is Normal in Dimensions Normal LV wall Thickness.

2.Pericardium :

Pericardial Effusion : No Pericardial Effusion

Cardiac Valves: Morphology (Stenosis / Regurgitant Areas)

Aortic Root is Normal Aortic Valve is Normal in Morphology.

Aortic Valve has 3 Leaflets with Central Closure Line. AV shows adequate systolic opening. There is No regurgitation across Aortic Valve.

Mitral Valve is normal in mobility and thickness. There is no Mitral Annular Calcification. There is No regurgitation across Mitral Valve.

Tricuspid Valve is normal in mobility and thickness. There is No regurgitations across Tricuspid Valve.

Pulmonic Valve is well visualised and is normal in morphology.

4. LV Systolic Functions : Good LV Systolic Function

Regional Wall Motion Abnormality: No RWMA

Visualised Portions of IVS and IAS appears intact.

There is no evidence of Pericardial Effusion / Mass / Clot.



Name: Smt ANURADHA Age: 35 Gender: Female Date 28-Aug-21

Referred By: sbi life insurance

Doppler Data

| Valve | Peak Velocity | Mean Velocity | Peak Gradient | Mean Gradient |
|-----------------|---------------|---------------|---------------|---------------|
| Mitral Valve | 107.23 cm/sec | 61.08 cm/sec | 4.60 mmHg | 1.69 mmHg |
| Aortic Valve | 100.80 cm/sec | 4.06 cm/sec | 4.06 mmHg | mmHg |
| Tricuspid Valve | 152.27 cm/sec | 9.27 cm/sec | 9.27 mmHg | mmHg |
| Pulmonary Valve | cm/sec | cm/sec | mmHg | mmHg |

Colour Doppler Assessment

| Regurgitant Area | Regurgitant Jet Area |
|------------------|----------------------|
| Mitral Valve | No MR |
| Aortic Valve | No AR |
| Tricuspid Valve | No TR |
| Pulmonary Valve | - |

IMPRESSION: 2 D Echo and Colour Doppler Examination:

- Rhythm- Regular
- Normal Echo Study
- Left Ventricular Function : Preserved LV Systolic Function
- Regional Wall Motion Abnormality : No RWMA
- LVEF : > 65 %
- Diastolic Relaxation: Normal ; Diastolic Function: Normal
- No Clot / No Vegetation / No Pericardial Effusion.



Dr Arvind Kumar
 MBBS, PGDCC (Dip Clinical Cardiology)
 Fellowship in Echocardiography
 Non Invasive Clinical Cardiology Associate
 Saturday, August 28, 2021:57 PM

.Severity of pulmonary hypertension
 (mPAP) RVSP/ PASP
 Mild = 30-40mmHg
 Moderate = 41-55mmHg
 Severe = > 55mmHg

2D EF % Normal : 52-72%(men)
 54-74%(women)
 Good LV Systolic Function : EF 60 % & Above
 Preserved LV Systolic Function : 50-60%
 Mild LV Dysfunction : EF 40 - 50 %
 Moderate LV Dysfunction : EF 30 - 40%
 Severe LV Dysfunction : EF less than 30%

Disclaimer : This Cardiac Echo and Colour Doppler Examination has been done on advise of the referring Doctor. Investigations have their own limitations. Solitary investigations never confirm the final diagnosis of a disease but is meant to assist the referring Doctor to have some information of the diseases process, if any. So this, report should not be taken as final diagnosis but should be correlated clinically with other investigations. Cardiac Catheterisation is advised for total evaluation, if clinically warranted.

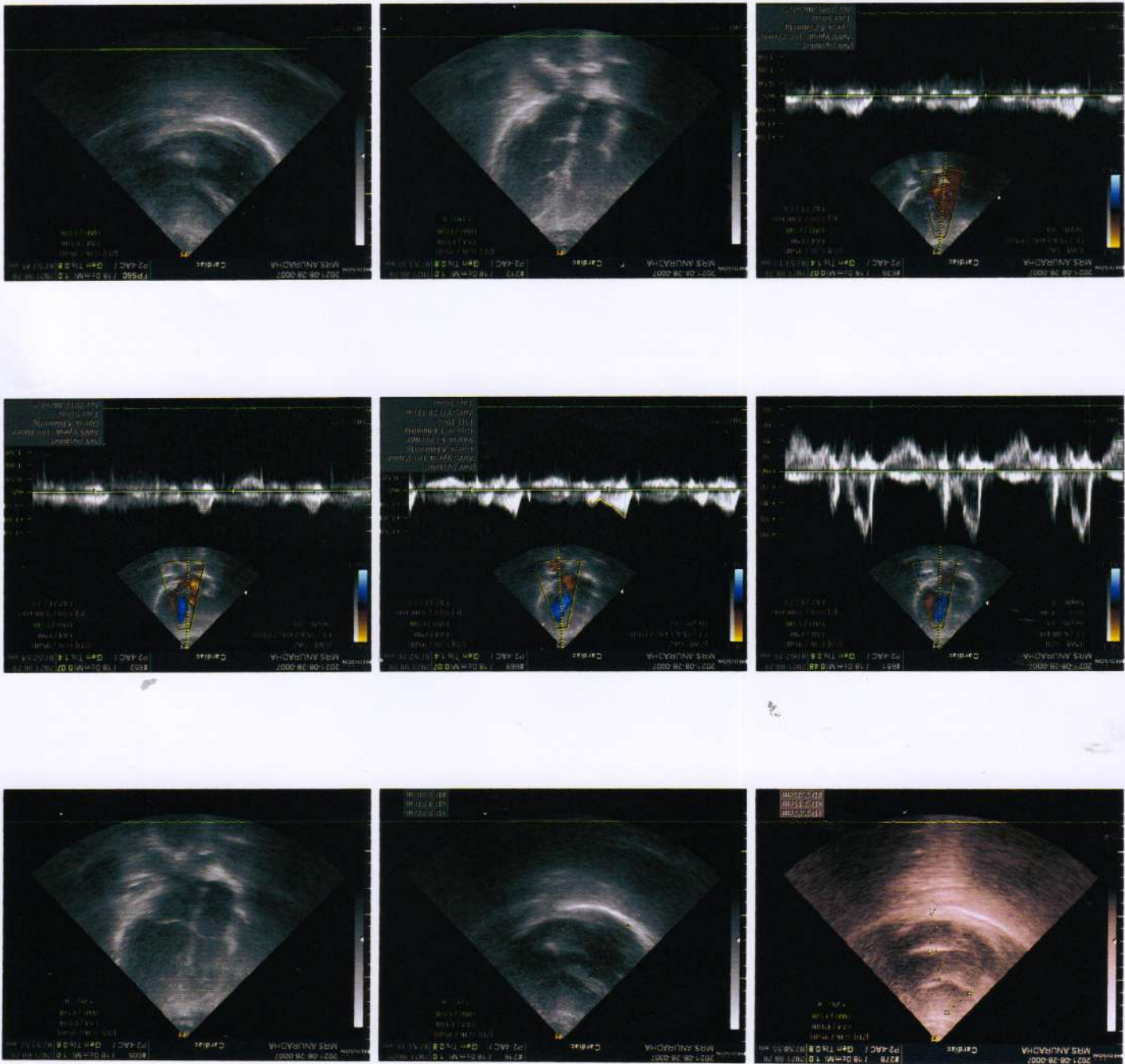
Ultrasound Report

PATIENT

Name: MRS. ANURADHA
ID: 2021-08-28-0007
Birth Date: 1986/08/28
Gender: F

EXAM

Accession #:
Exam Date: 2021/08/28
Description:
Sonographer:



भारत सरकार, भोपाई परीक्षा



2329 7124 5341

महिला / Female

जन्म तिथि / DOB: 01/03/1986



अनुराधा सिंह सुमान
Anuradha Singh Suman

भारत सरकार



भारत सरकार, भोपाई परीक्षा

2329 7124 5341

आपका आधार क्रमांक / Your Aadhaar No.:



52685102

KA526851026FH



To
Anuradha Singh Suman
अनुराधा सिंह सुमान
W/O Shish Kumar Deo
Deo Niwas 21 A Narmada Nagar
Polpather
Near Sant Aloysius School
Polpather
Vidyal Nagar, Jabalpur,
Madhya Pradesh - 482008
9893036563

27/09/2013

आधार संख्या / Enrollment No. : 0000/00491/29377

भारत सरकार

Unique Identification Authority of India

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Jr. B. Mr. Agarwal
MBBS, DCP
Pathologist

Suman