Path Lab & Imaging Centre

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Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com



General Physical Examination

Date of Examination: 10-10-2022
Name: Swetu Botar Age: 32 DOB:06 07 1990 Sex: temale
Referred By: BOB (Meolicoheel)
Photo ID: AAD HAR ID#: cetteched.
Ht: 156 (cm) Wt: $\overline{43}$ (Kg)
Chest (Expiration): (cm) Abdomen Circumference: (cm)
Blood Pressure: 103 76 mm Hg PR: 80/min RR: 15/min Temp: Afebrute
ВМІ 30.6
eyes) No (alour blindness Other: Dot significant
eyes) No (alour blindness
Other: Dot significant.
On examination he/she appears physically and mentally fit: Yes / No
A. Wish Goyal
Signature Of Examine : - Signature Of Examine of Examin
Signature Of Examine: Level Signature Modical Systems (1998)
Signature Medical Examiner : Name Medical Examiner



https://mail.google.com/mail/u/0/#inbox/FMfcgzGqQvrxxgMNvNkNfzNiTVtJLcXs?projector=1&messagePartId=0.1

Allengers ECG (Pisces)(PIS212160118) 102220607 / MRS SHWETA BATAR / 32 Yrs / F/ Non Smoker Heart Rate: 75 bpm / / Refd By.: BOB / Tested On: 10-Oct-22 12:34:32 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s DR. GOYALS PATH LAB & IMAGING CENTER 4 **Y**2 700 Dr. Naresh Kumar MoHenka D.E.M (RCGP UK) 5 5, ECG



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Website: www.drgovalspathlab.com | E-mail: drgovalpiyush@gmail.com



Date :- 10/

:- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR
Sex / Age :- Female 32 Yrs 3 Mon 6 Days

Company :- MediWheel

Patient ID :-12222753 Ref. By Doctor:-BOB

Lab/Hosp:-

Final Authentication: 10/10/2022 13:23:11

BOB PACKAGEFEMALE BELOW 40

X RAY CHEST PA VIEW:

Both lung fields appears clear.

Bronchovascular markings appear normal.

Trachea is in midline.

Both the hilar shadows are normal.

Both the C.P.angles is clear.

Both the domes of diaphragm are normally placed.

Bony cage and soft tissue shadows are normal.

Heart shadows appear normal.

Impression: - Normal Study

(Please correlate clinically and with relevant further investigations)

*** End of Report ***

Page No: 1 of 1

Dr. Piyush Goyal
M.B.B.S., D.M.R.D.
RMC Reg No. 017996

Dr. Poonam Gupta
MBBS, MD (Radio Diagnosis)
RMC No. 32495

sis)

Dr. Ashish Choudhary
MBBS, MD (Radio Diagnosis)
Fetal Medicine Consultant
FMF ID - 260517 | RMC No 22430

Dr. Rathod Hetali Amrutlal MBBS, M.D. (Radio-Diagnosis) RMC No. 17163

Transcript by.

BILAL

Dr. Piyush Goyal (D.M.R.D.)

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Date

:- 10/10/2022 09:49:39

NAME

Sex / Age :- Female

Company :- MediWheel Sample Type :- EDTA

:- Mrs. SHWETA BATAR

32 Yrs 3 Mon 6 Days

Sample Collected Time 10/10/2022 10:10:46

Final Authentication: 10/10/2022 12:27:41

HAEMATOLOGY

Patient ID: -12222753

Ref. By Dr:- BOB

Lab/Hosp :-

Test Name	Value	Unit	Biological Ref Interval
BOB PACKAGEFEMALE BELOW 40			
HAEMOGARAM	10.3	7.50	12.0 - 15.0
HAEMOGLOBIN (Hb)	13.5	g/dL	(4.0)
TOTAL LEUCOCYTE COUNT	5.96	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			40.0.000
NEUTROPHIL	60.0	%	40.0 - 80.0
LYMPHOCYTE	35.2	%	20.0 - 40.0
EOSINOPHIL	1.9	. %	1.0 - 6.0
MONOCYTE	2.7	%	2.0 - 10.0
BASOPHIL	0.2	%	0.0 - 2.0.
· NEUT#	3.58	10^3/uL	1.50 - 7.00
LYMPH#	2.10	10^3/uL	1.00 - 3.70
EO#	0.11	10^3/uL	0.00 - 0.40
MONO#	0.16	10^3/uL	0.00 - 0.70
BASO#	0.01	·10^3/uL	0.00 - 0.10
TOTAL RED BLOOD CELL COUNT (RBC)	4.61	x10^6/uL	3.80 - 4.80
HEMATOCRIT (HCT)	39.40	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	85.5	fL	. 83.0 - 101.0
MEAN CORP HB (MCH)	29.2	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	34.2	g/dL	31.5 - 34.5
PLATELET COUNT	286	x10^3/uL	150 - 410
RDW-CV	13.8	%	11.6 - 14.0
MENTZER INDEX	18.55		

The Mentzer index is used to differentiate iron deficiency anemia from beta thalassemia trait. If a CBC indicates microcytic anemia, these are two of the most likely causes, making it necessary to distinguish between them.

If the quotient of the mean corpuscular volume divided by the red blood cell count is less than 13, thalassemia is more likely. If the result is greater than 13, then iron-deficiency anemia is more likely.

MUKESHSINGH **Technologist**

Page No: 1 of 12



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Date

:- 10/10/2022 09:49:39

:- Mrs. SHWETA BATAR NAME

Sex / Age :- Female

Sample Type :- EDTA

Company :- MediWheel

32 Yrs 3 Mon 6 Days

Sample Collected Time 10/10/2022 10:10:46

Final Authentication: 10/10/2022 12:27:41

00 - 20

HAEMATOLOGY

Biological Ref Interval Value Unit **Test Name**

Lab/Hosp :-

Patient ID: -12222753

mm/hr.

Ref. By Dr:- BOB

Erythrocyte Sedimentation Rate (ESR)

(ESR) Methodology: Measurment of ESR by cells aggregation.

Instrument Name : Indepedent form Hematocrit value by Automated Analyzer (Roller-20)

: ESR test is a non-specific indicator ofinflammatory disease and abnormal protein states. Interpretation-

The test in used to detect, follow course of a certain disease (e.g-tuberculosis, rheumatic fever, myocardial infarction

Levels are higher in pregnency due to hyperfibrinogenaemia.

The "3-figure ESR " x>100 value nearly always indicates serious disease such as a serious infection, malignant paraproteinaemia (CBC) Methodology of Connective 135 of the Conne

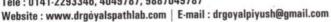
MUKESHSINGH **Technologist**

Page No: 2 of 12



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Date

:- 10/10/2022 09:49:39

:- Mrs. SHWETA BATAR NAME

Company :- MediWheel

Sex / Age :- Female 32 Yrs 3 Mon 6 Days Patient ID: -12222753 Ref. By Dr:- BOB

Lab/Hosp :-

Final Authentication: 10/10/2022 14:08:18

HAEMATOLOGY

Test Name

Value

Unit

Biological Ref Interval

BLOOD GROUP ABO

"AB" POSITIVE

BLOOD GROUP ABO Methodology: Haemagglutination reaction Kit Name: Monoclonal agglutinating antibodies (Span clone).

FASTING BLOOD SUGAR (Plasma) Method:- GOD PAP

97.0

mg/dl

75.0 - 115.0

111 - 125 mg/dL Impaired glucose tolerance (IGT) > 126 mg/dL Diabetes Mellitus (DM)

Sample Type :- EDTA, KOx/Na FLUORIDE-F, KSawhpale-Collegiane-Trife URINGE 022 10:10:46

Instrument Name: Randox Rx Imola Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases .

BLOOD SUGAR PP (Plasma)

132.7

mg/dl

70.0 - 140.0

Instrument Name: Randox Rx Imola Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases.

URINE SUGAR (FASTING)
Collected Sample Received

Nil

KAUSHAL, MKSHARMA, MUKESHSINGH, POOJABOHRA

Technologist DR.HANSA Page No: 3 of 12



Dr. Pivush Goyal (D.M.R.D.) Dr. Chandrika Gupta

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Date

:- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR

Sex / Age :- Female 32 Yrs 3 Mon 6 Days

Sample Type :- STOOL

Company :- MediWheel

Patient ID: -12222753

Ref. By Dr:- BOB

Lab/Hosp:-

Final Authentication: 10/10/2022 11:32:22

Sample Collected Time 10/10/2022 10:10:46 **CLINICAL PATHOLOGY**

Unit Value **Test Name**

Biological Ref Interval

STOOL ANALYSIS

PHYSICAL EXAMINATION

MUCUS BLOOD

MICROSCOPIC EXAMINATION

RBC's

WBC/HPF

OVA

CYSTS

OTHERS Collected Sample Received

/HPF

/HPF

POOJABOHRA Technologist DR.HANSA Page No: 4 of 12



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:- 10/10/2022 09:49:39 Date :- Mrs. SHWETA BATAR NAME

32 Yrs 3 Mon 6 Days Sex / Age :- Female

Company :- MediWheel Sample Type :- PLAIN/SERUM Patient ID :-12222753 Ref. By Dr:- BOB

Lab/Hosp:-

Sample Collected Time 10/10/2022 10:10:46

Final Authentication: 10/10/2022 11:57:11

BIOCHEMISTRY

		DIOCHEMIS	1141			
Test Name		Value	Unit	Biological Ref Interval		
Test Name						
LIPID PROFIL		210.64	mg/dl	Desirable <200		
TOTAL CHOLE Method:- Enzymatic I	STEROL Endpoint Method	210.64	mg/di	Borderline 200-239 High> 240		
TRIGLYCERIDE Method:- GPO-PAP	S	176.86 H	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500		
DIRECT HDL C	CHOLESTEROL	48.99	mg/dl	Low < 40 High > 60		
	CHOLESTEROL	132.17	mg/dl	Optimal <100 Near Optimal/above optimal 100-129		
				Borderline High 130-159 High 160-189 Very High > 190		
VLDL CHOLE Method:- Calculated	STEROL	35.37	mg/dl	0.00 - 80.00		
T.CHOLESTER Method:- Calculated	ROL/HDL CHOLESTEROL RATI	O 4.30		0.00 - 4.90		
LDL / HDL CH	OLESTEROL RATIO	2.70		0.00 - 3.50		
TOTAL LIPID		672.46	mg/dl	400.00 - 1000.00		

TOTAL CHOLESTEROL InstrumentName: Randox Rx Imola Interpretation: Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism Method:- CALCULATED

TRIGLYCERIDES InstrumentName: Randox Rx Imola Interpretation: Triglyceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction

DIRECT HDLCHOLESTERO InstrumentName:Randox Rx Imola Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies. Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to precipitation methods.

DIRECT LDL-CHOLESTEROLInstrumentName: Randox Rx Imola Interpretation: Accurate measurement of LDL-Cholesterol is of vital importance in therapies which focus on lipid reduction to prevent atherosclerosis or reduce its progress and to avoid plaque rupture

TOTAL LIPID AND VLDL ARE CALCULATED

MKSHARMA

Page No: 5 of 12



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Date

:- 10/10/2022 09:49:39

:- Mrs. SHWETA BATAR 32 Yrs 3 Mon 6 Days Sex / Age :- Female

Company:-MediWheel

Sample Type :- PLAIN/SERUM

Patient ID :-12222753

Ref. By Dr:- BOB

Lab/Hosp :-

Sample Collected Time 10/10/2022 10:10:46

Final Authentication: 10/10/2022 11:57:11

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval		
Test Name		1 57 7 7			
LIVER PROFILE WITH GGT SERUM BILIRUBIN (TOTAL) Method:-Colorimetric method	0.54	mg/dl	Up to - 1.0 Cord blood <2 mg/dL Premature < 6 days <16mg/dL Full-term < 6 days= 12 mg/dL 1month - <12 months <2 mg/dL		
			1-19 years <1.5 mg/dL Adult - Up to - 1.2 Ref-(ACCP 2020)		
SERUM BILIRUBIN (DIRECT) Method:- Colorimetric Method	0.10	mg/dL	Adult - Up to 0.25 Newborn - <0.6 mg/dL >- 1 month - <0.2 mg/dL		
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.44	mg/dl	0.30-0.70		
SGOT Method:- IFCC	23.2	U/L	Men- Up to - 37.0 Women - Up to - 31.0		
SGPT Method:- IFCC	25.1	.U/L	Men- Up to - 40.0 Women - Up to - 31.0		
SERUM ALKALINE PHOSPHATASE Method:-AMP Buffer	40.60	IU/L	30.00 - 120.00		
SERUM GAMMA GT Method:- IFCC	29.80	U/L	7.00 - 32.00		
SERUM TOTAL PROTEIN Method:- Biuret Reagent	7.11	g/dl	6.40 - 8.30		
SERUM ALBUMIN Method:- Bromocresol Green	4.61	g/dl	3.80 - 5.00		
SERUM GLOBULIN Method:- CALCULATION	2.50	gm/dl	2.20 - 3.50		
A/G RATIO	1.84		1.30 - 2.50		

Total BilirubinMethodology:Colorimetric method InstrumentName:Randox Rx Imola Interpretation An increase in bilirubin concentration in the serum occurs in toxic or infectious diseases of the liver e.g. hepatitis B or obstruction of the bile duct and in rhesus incompatible babies. High levels of unconjugated bilirubin indicate that too much haemoglobin is being destroyed or that the liver is not actively treating

AST Aspartate Aminotransferase Methodology: IFCC InstrumentName: Randox Rx Imola Interpretation: Elevated levels of AST can signal myocardial infarction, hepatic disease, muscular dystrophy and AS I Aspartate Ammouranterase exemutioning. If the most activity of the enzyme, significant activity has also been seen in the brain, liver, gastric mucosa, adipose tissue and kidneys of humans. ALT Alanine Aminotransferase Methodology: IFCCInstrumentName Randox Rx Imola Interpretation: The enzyme ALT has been found to be in highest concentrations in the liver, with decreasing ALI Alanine Aminotransierase methodology, ir Celisti dinetticame, candox as finola interpretation, the dispute Ali has occurrent and the magnetic concentrations found in kidney, heart, skeletal muscle, pancreas, spleen and lung tissue respectively. Elevated levels of the transaminases can indicate myocardial infarction, hepatic disease, muscular

Oystroppy and organ damage.

Alkaline Phosphatase Methodology: AMP Buffer InstrumentName: Randox Rx Imola Interpretation: Measurements of alkaline phosphatase are of use in the diagnosis, treatment and investigation of hepatobilary disease and in bone disease associated with increased osteoblastic activity. Alkaline phosphatase is also used in the diagnosis of parathyroid and intestinal disease.

TOTAL PROTEIN Methodology: Biuret Reagent InstrumentName: Randox Rx Imola Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

ALBUMIN (ALB) Methodology: Bromocresol Green InstrumentName:Randox Rx Imola Interpretation: Albumin measurements are used in the diagnosis and treatment of the diagnosis and t

MKSHARMA

Page No: 6 of 12



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32 Yrs 3 Mon 6 Days



:- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR

Sex / Age :- .Female

Test Name

Company :-MediWheel

Sample Type :- PLAIN/SERUM

Patient ID: -12222753

Ref. By Dr:- BOB

Lab/Hosp:-

Final Authentication: 10/10/2022 11:57:11

BIOCHEMISTRY

Sample Collected Time 10/10/2022 10:10:46

Value

Unit

Biological Ref Interval

primarily the liver or kidneys. Globulin & A/G ratio is calculated.

primarily the liver or kidneys. Globulin & ACG ratio is calculated.

Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or post-hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times normal)

MKSHARMA

Page No: 7 of 12



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Date :-

:- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR

Sex / Age :- Female 32 Yrs 3 Mon 6 Days

Sample Type :- PLAIN/SERUM

Company :- MediWheel

Patient ID :-12222753

Ref. By Dr:- BOB

Lab/Hosp :-

Final Authentication: 10/10/2022 11:57:11

BIOCHEMISTRY

Sample Collected Time 10/10/2022 10:10:46

		BIOCHE	MISTRY	
Test Name		ame Value Unit		Biological Ref Interval
SERUM CREATININE		0.77	mg/dl	Men - 0.6-1.30 Women - 0.5-1.20
Method:- Colorimetric Method SERUM URIC ACID Method:- Enzymatic colorimetric		5.14	mg/dl	Men - 3.4-7.0 Women - 2.4-5.7

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Page No: 8 of 12



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:- 10/10/2022 09:49:39 Date NAME :- Mrs. SHWETA BATAR

32 Yrs 3 Mon 6 Days

Patient ID: -12222753 Ref. By Dr:- BOB

Lab/Hosp :-

Sex / Age :- Female Company :- MediWheel

Sample Collected Time 10/10/2022 10:10:46 Sample Type :- PLAIN/SERUM

Final Authentication: 10/10/2022 11:57:11

BIOCHEMISTRY						
Test Name	Value	Unit	Biological Ref Interval			
BLOOD UREA NITROGEN (BUN)	10.4	mg/dl	0.0 - 23.0			

MKSHARMA

Page No: 9 of 12



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Date

:- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR

Sex / Age :- Female

32 Yrs 3 Mon 6 Days

Company :- MediWheel

Sample Type :- EDTA

Patient ID :-12222753 Ref. By Dr:- BOB

Lab/Hosp:-

Sample Collected Time 10/10/2022 10:10:46

Final Authentication: 10/10/2022 12:27:41

HAEMATOLOGY

	HAEMAIU	LOGI	
Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (HbA1C) Method:- HPLC	5.6	%	Non-diabetic: < 5.7 Pre-diabetics: 5.7-6.4 Diabetics: = 6.5 or higher ADA Target: 7.0 Action suggested: > 6.5

Instrument name: ARKRAY's ADAMS Lite HA 8380V, JAPAN.

HbA1C is formed by the condensation of glucose with n-terminal valine residue of each beta chain of HbA to form an unstable schiff base.It is the major fraction, constituting approximately 80% of HbA1c. Formation of glycated hemoglobin (GHb) is essentially irreversible and the concentration in the blood depends on both the lifespan of the red blood cells (RBC) (120 days) and the blood glucose concentration. The GHb concentration represents the integrated values for glucose overthe period of 6 to 8 weeks. GHb values are free of day to day glucose fluctuations and are unaffected by recent exercise or food ingestion. Concentration of plasmaglucose concentration in GHb depends on the time interval, with more recent values providing a larger contribution than earlier values. The interpretation of GHbdepends on RBC having a normal life span. Patients with hemolytic disease or other conditions with shortened RBC survival exhibit a substantial reduction of GHb.High GHb have been reported in iron deficiency anemia. GHb has been firmly established as an index of long term blood glucose concentrations and as a measureof the risk for the development of complications in patients with diabetes mellitus. The absolute risk of retinopathy and nephropathy are directly proportional to themean of HbA1C.Genetic variants (e.g. HbS trait, HbC trait), elevated HbF and chemically modified derivatives of hemoglobin can affect the accuracy of HbA1cmeasurements. The effects vary depending on the specific Hb vatiant or derivative and the specific HbA1c method. .

Ref by ADA 2020

MEAN PLASMA GLUCOSE

mg/dL

Non Diabetic < 100 mg/dL Prediabetic 100- 125 mg/dL Diabetic 126 mg/dL or Higher

MUKESHSINGH **Technologist**

Page No: 10 of 12



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Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com



Date :- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR

Sex / Age :- Female 32 Yrs 3 Mon 6 Days

Company :- MediWheel

Sample Type :- URINE

Patient ID :-12222753

Ref. By Dr:- BOB

Lab/Hosp :-

Final Authentication: 10/10/2022 11:27:11

Sample Collected Time 10/10/2022 10:10:46 CLINICAL PATHOLOGY

Test Name	Value Unit	Biological Ref Interval
Urine Routine		
PHYSICAL EXAMINATION		
COLOUR	PALE YELLOW	PALE YELLOW
APPEARANCE	Clear	Clear
CHEMICAL EXAMINATION		
REACTION(PH)	6.0	5.0 - 7.5
SPECIFIC GRAVITY	1.020	1.010 - 1.030
PROTEIN	NIL	NIL
SUGAR	NIL	NIL
BILIRUBIN	NEGATIVE	NEGATIVE
UROBILINOGEN	NORMAL	NORMAL
KETONES .	NEGATIVE	NEGATIVE
NITRITE	NEGATIVE	NEGATIVE
MICROSCOPY EXAMINATION		
RBC/HPF	NIL /HPF	NIL ·
WBC/HPF	2-3 /HPF	2-3
EPITHELIAL CELLS	2-3 /HPF	2-3
CRYSTALS/HPF	ABSENT	ABSENT
CAST/HPF	ABSENT	ABSENT
AMORPHOUS SEDIMENT	ABSENT	ABSENT
BACTERIAL FLORA	ABSENT	ABSENT
YEAST CELL	ABSENT	ABSENT
OTHER	ABSENT	

POOJABOHRA Technologist DR.HANSA Page No: 11 of 12



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Date

:- 10/10/2022 09:49:39

NAME :- Mrs. SHWETA BATAR

32 Yrs 3 Mon 6 Days

Sex / Age :- Female Company :- MediWheel

Sample Type :- PLAIN/SERUM

Patient ID: -12222753

Ref. By Dr:- BOB

Lab/Hosp :-



Final Authentication: 10/10/2022 12:10:07

IMMUNOASSAY

Sample Collected Time 10/10/2022 10:10:46

Test Name	Va	lue	Unit	Biological Ref Interval		
 TOTAL THYROID PROFILE						
SERUM TOTAL T3 Method:- Chemiluminescence(Competitive immunoassay)	1	.350	ng/ml	0.970 - 1.690		
SERUM TOTAL T4 Method:- Chemiluminescence(Competitive immunoassay)	. 8	.240	ug/dl	5.500 - 11.000		
SERUM TSH ULTRA Method:- Enhanced Chemiluminescence Immunoassay	1	.990	μIU/mL	0.500 - 6.880		

Interpretation: Triiodothyronine (T3) contributes to the maintenance of the euthyroid state. A decrease in T3 concentration of up to 50% occurs in a variety of clinical situations, including acute and chronic disease. Although T3 results alone cannot be used to diagnose hypothyroidism, T3 concentration may be more sensitive than thyroxine (T4) for hyperthyroidism. Consequently, the total T3 assay can be used in conjunction with other assays to aid in the differential diagnosis of thyroid disease T3 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, Free T3 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake, or T4 uptake can be used with the total T3 result to calculate the free T3 index and estimate the concentration of free T3.

Interpretation: The measurement of Total T4 aids in the differential diagnosis of thyroid disease. While >99.9% of T4 is protein-bound, primarily to thyroxine-binding globulin (TBG), it is the free fraction that is biologically active. In most patients, the total T4 concentration is a good indicator of thyroid status. T4 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, free T4 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake may be used with the total T4 result to calculate the free T4 index (FT4I) and estimate the concentration of free T4. Some drugs and some nonthyroidal patient conditions are known to alter TT4 concentrations in vivo.

Interpretation: TSH stimulates the production of thyroxine (T4) and triiodothyronine (T3) by the thyroid gland. The diagnosis of overt hypothyroidism by the finding of a low total T4 or free T4 concentration is readily confirmed by a raised TSH concentration. Measurement of low or undetectable TSH concentrations may assist the diagnosis of hyperthyroidism, where concentrations of T4 and T3 are elevated and TSH secretion is suppressed. These have the advantage of discriminating between the concentrations of TSH observed in thyrotoxicosis, compared with the low, but detectable, concentrations that occur in subclinical hyperthyroidism. The performance of this assay has not been established for neonatal specimens. Some drugs and some nonthyroidal patient conditions are known to alter TSH concentrations in vivo.

INTERPRETATION

PREGNANCY	REFERENCE RANGE FOR TSH IN uIU/mL (As per American Thyroid Association)					
1st Trimester	0.10-2.50					
2nd Trimester	0.20-3.00					
3rd Trimester	0.30-3.00					

** End of Report *

NARENDRAKUMAR **Technologist**

Page No: 12 of 12





Dr. Goyal

Path Lab & Imaging Centre

B-51, Ganesh Nagar, Opp. Janpath Corner, New San Tele: 0141-2293346, 4049787, 9887049787

Patient ID: -12222753

Lab/Hosp :-

Ref. By Doctor:-BOB

Final Authentication: 10/10/2022 16:44:06

Company :- MediWheel

Sex / Age :- Female

BOB PACKAGEFEMALE BELOW 40

NAME :- Mrs. SHWETA BATAR

:- 10/10/2022 09:49:39

32 Yrs 3 Mon 6 Days

ULTRA SOUND SCAN OF ABDOMEN

Liver is of normal size. Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated. Portal vein diameter is normal.

Gall bladder is of normal size. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

Spleen is of normal size and shape. Echotexture is normal. No focal lesion is seen.

Kidneys are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

Urinary Bladder: is well distended and showing smooth wall with normal thickness. Urinary bladder does not show any calculus or mass lesion.

Bicornuate uterus, upper part of uterine cavity is divided into two portion. Right uterine cavity is partially visualized likely rudimentary horn.

Left uterine cavity appear normal with normal cervix.

Myometrium shows normal echo - pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is mm.

Left ovary showing a well defined thin walled predominantly cystic lesion with low level internal echoes, measuring approx. 42 x 35 mm.

Right ovary is visualised and is normal. No adnexal mass is seen.

No enlarged nodes are visualised. No retro-peritoneal lesion is identified. No significant free fluid is seen in pouch of douglas.

IMPRESSION:

- * Bicornuate uterus with right rudimentary horn.
- * Left ovarian hemorrhagic cyst.

Needs clinical correlation & further evaluation

Page No: 1 of 1

*** End of Report ***

ANITASHARMA

Dr. Piyush Goyal M.B.B.S., D.M.R.Q. RMC Reg No. 017996

Dr. Poonam Gupta MBBS, MD (Radio Diagnosis) RMC No. 32495

Dr. Ashish Choudhary MBBS, MD (Radio Diagnosis) Fetal Medicine Consultant FMF ID - 260517 | RMC No 22430 Dr. Rathod Hetali Amrutlal MBBS, M.D. (Radio-Diagnosis) RMC No. 17163

Transcript by.



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site: www.drgoyalspathiab.com | E-mail drgoyalbiyusuug Patient 1D - 1222275

09:49:39 :- 10/10/2022

NAME :- Mrs. SHWETA BATAR

32 Yrs 3 Mon 6 Days Sex / Age :- Female

Company :- MediWheel

Ref. By Doctor:-BOB

Lab/Hosp:-

Final Authentication: 10/10/2022 16:35:31

BOB PACKAGEFEMALE BELOW 40 2D ECHO OPTION TMT (ADULT/CHILD)

2D-ECHOCARDIOGRAPHY M.MODE WITH DOPPLER STUDY:

FAIR TRANSTHORACIC ECHOCARIDIOGRAPHIC WINDOW MORPHOLOGY:

MITRAL VALV	/E	NOR	MAL	TRICUS	SPID VALVE		NORMAL	92
AORTIC VALV	/E	NOR	MAL	PULMO	PULMONARY VALVE		NORMAL	
		M.MODE	EXAMITATION:					
AO	19	mm	LA	27	Mm	IVS-D	8	mm
IVS-S	13	mm	LVID	37	Mm	LVSD	23	mm
LVPW-D	8	. mm	LVPW-S	13	Mm	RV		mm
RVWT		mm	EDV		МІ	LVVS		ml
LVEF	66%			RWMA		ABSENT		
				CH	AMRERS.			

LA	NORMAL	RA	NORMAL	
LV	NORMAL	RV	NORMAL	
PERICARDIU	IM	NORMAL		

COLOUR DOPPLER:

		TD 41 1/411/F		COLC	OUR DUPPLER.			
		TRAL VALVE	_					
EVELOCITY	0.81	m/sec	PEAK	GRADIENT			Mm/hg	
A VELOCITY	0.35	m/sec	m/sec MEAN		N GRADIENT .		Mm/hg	
MVA BY PHT		Cm2	MVA BY PLANIMETE		ETRY		Cm2	
MITRAL REGURGITAT	ION		_		ABSENT			
	AC	RTIC VALVE						
PEAK VELOCITY	0.76	m/s	ec	PEAK GRADIENT			mm/hg	
AR VMAX		m/sec		MEAN GRADIENT			mm/hg	
AORTIC REGURGITAT	ION			ABSENT				
	TRIC	CUSPID VALV	/E					
PEAK VELOCITY	. 0.3	8 n	n/sec	PEAK GRADIENT			mm/hg	
MEAN VELOCITY			n/sec	MEAN C	GRADIENT		mm/hg	
VMax VELOCITY								
TRICUSPID REGURGI	TATION			ABSENT				
	PU	ILMONARY V	ALVE					
PEAK VELOCITY		0.95	0.95		PEAK GRADIENT	PEAK GRADIENT		
MEAN VALOCITY					MEAN GRADIENT		Mm/hg	
PULMONARY REGUR	GITATION			•	ABSENT			

Page No: 1 of 2

ANITASHARM



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Transcript by.



Path Lab & Imaging Centre

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sa Tele: 0141-2293346, 4049787, 9887049787

:- 10/10/2022 09:49:39 Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyushi20

NAME :- Mrs. SHWETA BATAR

Sex / Age :- Female 32 Yrs 3 Mon 6 Days

Company :- MediWheel

Ref. By Doctor:-BOB

Lab/Hosp :-

Final Authentication: 10/10/2022 16:35:31

Impression--

- 1. Normal LV size & contractility
- 2. No RWMA, LVEF 66 %.
- 3. Normal cardiac chamber.
- 4. Normal valve
- 5. No clot, no vegetation, no pericardial effusion.

(Cardiologist)

*** End of Report ***

Page No: 2 of 2

ANITASHARM



