DIAGNOSTICS REPORT

Patient Name	: Mr. VAIBHAV SHELAR	Order Date	: 25/02/2023 09:41
Age/Sex	: 33 Year(s)/Male	Report Date	: 25/02/2023 12:13
UHID	: SHHM.59377	IP No	:
Ref. Doctor	: Self	Facility	: SEVENHILLS HOSPITAL, MUMBAI

2D ECHOCARDIOGRAPHY WITH COLOUR DOPPLER STUDY

Normal LV and RV systolic function.

Estimated LVEF = 60%

No LV regional wall motion abnormality at rest .

All valves are structurally and functionally normal.

Normal sized cardiac chambers.

No LV Diastolic dysfunction .

No pulmonary arterial hypertension.

No regurgitation across any other valves.

Normal forward flow velocities across all the cardiac valves.

Aorta and pulmonary artery dimensions: normal.

IAS / IVS: Intact.

No evidence of clot, vegetation, calcification, pericardial effusion.

COLOUR DOPPLER: NO MR/AR.



Dr.Jayashree Dash,

(Junior Consultant NIC) RegNo: 3393/09/2003

Patient Name: Mr. VAIBHAV SHELARUHID: SHHM.59377Episode: OPRef. Doctor: Self

Age/Sex : 33 Year(s) / Male Order Date : 25/02/2023 09:41 Mobile No : 9821607543 DOB : 27/01/1990 Facility : SEVENHILLS HOSPITAL, MUMBAI

Blood Bank

Test Name			Result					
Sample No :	O0260623A	Collection Date :	25/02/23 09:42	Ack Date :	25/02/2023 10:51	Report Date :	25/02/23 12:10	

BLOOD GROUPING/ CROSS-MATCHING BY SEMI AUTOMATION

BLOOD GROUP (ABO)' A 'Rh TypePOSITIVE

Method - Column Agglutination

REMARK: THE REPORTED RESULTS PERTAIN TO THE SAMPLE RECEIVED AT THE BLOOD CENTRE.

Interpretation:

Blood typing is used to determine an individual's blood group, to establish whether a person is blood group A, B, AB, or O and whether he or she is Rh positive or Rh negative. Blood typing has the following significance,

• Ensure compatibility between the blood type of a person who requires a transfusion of blood or blood components and the ABO and

Rh type of the unit of blood that will be transfused.

• Determine compatibility between a pregnant woman and her developing baby (fetus). Rh typing is especially important during

pregnancy because a mother and her fetus could be incompatible.

• Determine the blood group of potential blood donors at a collection facility.

• Determine the blood group of potential donors and recipients of organs, tissues, or bone marrow, as part of a workup for a transplant procedure.

End of Report

Dr.Ritesh Kharche MD, PGD HOD, Laboratory Medicine Dept.

RegNo: 2006/03/1680

Patient Name: Mr. VAIBHAV SHELARUHID: SHHM.59377Episode: OPRef. Doctor: Self

Age/Sex: 33 Year(s) / MaleOrder Date: 25/02/2023 09:41Mobile No: 9821607543DOB: 27/01/1990Facility: SEVENHILLS HOSPITAL, MUMBAI

HAEMATOLOGY

Test Name	Result		Unit	Ref.	Range					
Sample No: 00260623A	Collection Date : 25/02/23 09:42	Ack Date : 25/02/2023 10:03		Report Date :	25/02/23 11:03					
COMPLETE BLOOD COUNT (CBC) - EDTA WHOLE BLOOD										
Total WBC Count		5.58		x10^3/ul	4.00 - 10.00					
Neutrophils		58.6		%	40.00 - 80.00					
Lymphocytes		32.9		%	20.00 - 40.00					
Eosinophils		2.6		%	1.00 - 6.00					
Monocytes		5.7		%	2.00 - 10.00					
Basophils		0.2 ▼		%	1.00 - 2.00					
Absolute Neutrophils		3.27		x10^3/ul	2.00 - 7.00					
Count Absolute Lymphocytes Count		1.84		x10^3/ul	0.80 - 4.00					
Absolute Eosinophils Count		0.15		x10^3/ul	0.02 - 0.50					
Absolute Monocytes Count		0.31		x10^3/ul	0.12 - 1.20					
Absolute Basophils Count		0.01		x10^3/ul	0.00 - 0.10					
RBCs		4.54		x10^6/ul	4.50 - 5.50					
Hemoglobin		14.1		gm/dl	13.00 - 17.00					
Hematocrit		42.6		%	40.00 - 50.00					
MCV		93.9		fl	83.00 - 101.00					
MCH		31.0		pg	27.00 - 32.00					
MCHC		33.0		gm/dl	31.50 - 34.50					
RED CELL DISTRIBUTION WIDTH-CV (RDW-CV)		13.0		%	11.00 - 16.00					
RED CELL DISTRIBUTION WIDTH-SD (RDW-SD)		44.6		fl	35.00 - 56.00					
Platelet		276		x10^3/ul	150.00 - 410.00					
MPV		8.7		, fl	6.78 - 13.46					
PLATELET DISTRIBUTION WIDTH (PDW)		15.8		%	9.00 - 17.00					
PLATELETCRIT (PCT)		0.239		%	0.11 - 0.28					

Patient Name	: Mr. VAIBHAV SHELAR	Age/Sex	: 33 Year(s) / Male
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		Facility	: SEVENHILLS HOSPITAL, MUMBAI

NOTE: Wallach's Interpretation of Diagnostic Tests. 11th Ed, Editors: Rao LV. 2021

NOTE :-

The International Council for Standardization in Haematology (ICSH) recommends reporting of absolute counts of various WBC subsets for clinical decision making. This test has been performed on a fully automated 5 part differential cell counter which counts over 10,000 WBCs to derive differential counts. A complete blood count is a blood panel that gives information about the cells in a patient's blood, such as the cell count for each cell type and the concentrations of Hemoglobin and platelets. The cells that circulate in the bloodstream are generally divided into three types: white blood cells (leukocytes), red blood cells (erythrocytes), and platelets (thrombocytes). Abnormally high or low counts may be physiological or may indicate disease conditions, and hence need to be interpreted clinically.

ERYTHROCYTE SEDIMENTATION RATE (ESR) ESR

12

mm/hr 0 - 20

Method: Westergren Method

INTERPRETATION :-

ESR is a non-specific phenomenon, its measurement is clinically useful in disorders associated with an increased production of acute-phase proteins. It provides an index of progress of the disease in rheumatoid arthritis or tuberculosis, and it is of considerable value in diagnosis of temporal arteritis and polymyalgia rheumatica. It is often used if multiple myeloma is suspected, but when the myeloma is non-secretory or light chain, a normal ESR does not exclude this diagnosis.

An elevated ESR may occur as an early feature in myocardial infarction. Although a normal ESR cannot be taken to exclude the presence of organic disease, the vast majority of acute or chronic infections and most neoplastic and degenerative diseases are associated with changes in the plasma proteins that increased ESR values.

The ESR is influenced by age, stage of the menstrual cycle and medications taken (corticosteroids, contraceptive pills). It is especially low (0–1 mm) in polycythaemia, hypofibrinogenaemia and congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis, or sickle cells. In cases of performance enhancing drug intake by athletes the ESR values are generally lower than the usual value for the individual and as a result of the increase in haemoglobin (i.e. the effect of secondary polycythaemia).

End of Report

Dr.Ritesh Kharche MD, PGD HOD, Laboratory Medicine Dept. RegNo: 2006/03/1680

Patient Name: Mr. VAIBHAV SHELARUHID: SHHM.59377Episode: OPRef. Doctor: Self

Age/Sex : 33 Year(s) / Male Order Date : 25/02/2023 09:41 Mobile No : 9821607543 DOB : 27/01/1990 Facility : SEVENHILLS HOSPITAL, MUMBAI

Stool Examination

Test Name		Result						
Sample No: 00260628D	Collection Date :	25/02/23 10:05	Ack Date :	25/02/2023 10:42	Report Date :	25/02/23 15:06		
Gross and Chemical								
Examination								
Consistency			Semi-Solid					
COLOUR STOOL			Brown					
Visible Blood			Absent					
Mucus			Absent					
Occult Blood			NEGATIVE					
<u>Microscopic</u>								
Examination								
Puscells			OCCASIONAL					
RBC			ABSENT					
Epithelial Cells			ABSENT					
Parasites			Not Seen					
Bacteria			Absent					
			End of Rep	ort				
Dipa								

Dr.Nipa Dhorda MD Pathologist

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: Mr. VAIBHAV SHELAR	Age/Sex	: 33 Year(s) / Male
: SHHM.59377	Order Date	: 25/02/2023 09:41
: OP		
: Self	Mobile No	: 9821607543
	DOB	: 27/01/1990
	Facility	: SEVENHILLS HOSPITAL, MUMBAI
	: Mr. VAIBHAV SHELAR : SHHM.59377 : OP : Self	: SHHM.59377 Order Date : OP : Self Mobile No DOB

Biochemistry									
Test Name			Result			Unit	Ref. Range		
Sample No :	O0260623A	Collection Date :	25/02/23 09:42	Ack Date :	25/02/2023 10:03	Report Dat	te: 25/02/23 11:39		
<u>GLYCOSL'</u> HAEMOGI	<u>YATED</u> LOBIN (HBA1C)								
HbA1c			5	31		%	4 to 6% Non-diabetic 6.07.0% Excellent control 7.08.0% Fair to good control 8.010% Unsatisfactory control ABOVE 10% Poor control		
Method - BIO	CHEMISTRY								
Estimated Glucose (e	-		1	05.70		mg/dl	90 - 126		
Method - Calculated NOTES :- 1. HbA1c is used for monitoring diabetic control. It reflects the mean plasma glucose over three months 2. HbA1c may be falsely low in diabetics with hemolytic disease. In these individuals a plasma fructosamine level may be used which evaluates diabetes over 15 days. 3. Inappropriately low HbA1c values may be reported due to hemolysis, recent blood transfusion, acute blood loss, hypertriglyceridemia, chronic liver disease. Drugs like dapsone, ribavirin, antiretroviral drugs, trimethoprim, may also cause interference with estimation of HbA1c, causing falsely low values. 4. HbA1c may be increased in patients with polycythemia or post-splenectomy. 5. Inappropriately higher values of HbA1c may be caused due to iron deficiency, vitamin B12 deficiency, alcohol intake, uremia, hyperbilirubinemia and large doses of aspirin. 6. Trends in HbA1c are a better indicator of diabetic control than a solitary test. 7. Any sample with >15% HbA1c should be suspected of having a hemoglobin variant, especially in a non-diabetic patient. Similarly, below 4% should prompt additional studies to determine the possible presence of variant hemoglobin. 8. HbA1c target in pregnancy is to attain level < 7.5 %. Method : turbidimetric inhibition immunoassay (TTINIA) for hemolyzed whole blood Reference : American Diabetes Associations. Standards of Medical Care in Diabetes 2015									
Sample No :	O0260623B	Collection Date :	25/02/23 09:42	Ack Date :	25/02/2023 10:16	Report Da	te : 25/02/23 10:56		
<u>GLUCOSE</u> <u>ING</u> Glucose,Fa	-PLASMA-FAST sting		9	8.41		mg/d	70 - 110		

Patient Name: Mr. VAIBHAV SHELARUHID: SHHM.59377Episode: OP

Ref. Doctor : Self

Age/Sex	: 33 Year(s) / Male
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Mobile No	: 9821607543
DOB	: 27/01/1990
Facility	: SEVENHILLS HOSPITAL, MUMBAI

American Diabetes Association Reference Range :

Normal : < 100 mg/dl Impaired fasting glucose(Prediabetes) : 100 - 126 mg/dl Diabetes : >= 126 mg/dl

References:

1)Pack Insert of Bio system

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interpretation :-

Conditions that can result in an elevated blood glucose level include: Acromegaly, Acute stress (response to trauma, heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis. A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be seen with:Adrenal insufficiency, Drinking excessive alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas), Starvation.

	,	<i>,</i> ,		,		·	,			<i>,,</i>		
Sample No :	O0260623C	(Collectio	n Date :	25/02/2	23 09:42	Ack	k Date :	25/02/2023	10:16	Report Date :	25/02/23 12:51

Lipid Profile			
Total Cholesterol	206.53	mg/dl	Reference Values : Up to 200 mg/dL - Desirable 200-239 mg/dL - Borderline HIgh >240 mg/dL - High
Triglycerides	88.95	mg/dl	Reference Values: Up to 150 mg/dL - Normal 150-199 mg/dL - Borderline High 200-499 mg/dL - High >500 mg/dL - Very High
Method - Enzymatic HDL Cholesterol	41.83	mg/dl	0 - 60
Method - Enzymatic immuno inhibition		ing, ai	0 00
LDL Cholesterol	146.91 🔺	mg/dl	0 - 130
Method - Calculated			
VLDL Cholesterol	17.79	mg/dl	0 - 40
Method - Calculated		B.4710	o - E
Total Cholesterol / HDL	4.94	RATIO	0 - 5
Cholesterol Ratio -			
Calculated			

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			DOB	: 27/01/1990	
			Facility	: SEVENHILLS HOSE	PITAL, MUMBAI
Method - Calculat		3.51		RATIO	0 - 4.3
LDL / HDL Ch		5.51		KATIO	0 - 4.5
Ratio - Calcula					
Method - Calculat References:	ted				
1)Pack Insert of E	Bio system				
	, k Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, i	Editors: Rifai et al. 20	18		
Interpretation 1 Trialycerides: M	Vhen triglycerides are very high greater than 1000 mg/dL, u	there is a risk of deve	lonina nancreatitis in	children and	
• /	les change dramatically in response to meals, increasing as				
hours after eating	g. Even fasting levels vary considerably day to day. Therefo	ore, modest changes i	n fasting triglyceride	s measured on	
-	e not considered to be abnormal.		.,		
	ol: HDL- C is considered to be beneficial, the so-called "goo is it to the liver for disposal. If HDL-C is less than 40 mg/dL				
	heart disease that is independent of other risk factors, inclu			•	
HDL cholesterol v	alue greater than 60 mg/dL is protective and should be tre	eated as a negative	-		
risk factor.					
	ol: Desired goals for LDL-C levels change based on individu.	-	-	-	
	es between 120-159 mg/dL are considered Borderline high. lesterol may be seen in people with an inherited lipoprotein	-	-	-	
inflammation, or o		r denenency and mipe	,p.e		
<u>Uric Acid (Se</u>	<u>erum)</u>				
Uric Acid		6.3		mg/dl	3.5 - 7.2
Method - Uricase					
References:					
1)Pack Insert of E	Bio system ok of Clinical chemistry and Molecular DiagnosticsEdited by	v: Carl A burtis Edwar	d R Ashwood David	e Bruns	
2) 11212 10,000	sk of ennical chemistry and Molecular DiagnosicsEulica by	. can A.burds, Laward	r. Ashivood, David		
Interpretation:-					
	ced by the breakdown of purines. Purines are nitrogen-con				
5	A. Increased concentrations of uric acid can cause crystals of I pain characteristic of gout. Low values can be associated of	, j		,	
	ure to toxic compounds, and rarely as the result of an inher		-	, runcom	
Liver Function	<u>on Test (</u>				
<u>LFT)</u>					
SGOT (Aspart	ate	19.66		U/L	0 - 35
Transaminase	e) - SERUM				
Method - IFCC					
SGPT (Alanine	2	31.3		U/L	0 - 45
Transaminase					
Method - IFCC	-				
Total Bilirubin	- SERUM	0.75		mg/dl	0 - 2
Method - Diazo					
Direct Bilirubi	n SERUM	0.28		mg/dl	0 - 0.4
Method - Diazotiz				5.	

Patient Name	: Mr. VAIBHAV SHELAR		Age/Sex	: 33 Year(s) / Male	
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Episode	: OP				
Ref. Doctor	: Self		Mobile No	: 9821607543	
			DOB	: 27/01/1990	
			Facility	: SEVENHILLS HOSE	PITAL, MUMBAI
			,		
Indirect Biliru	bin -	0.47		mg/dl	0.1 - 0.8
Calculated					
Method - Calcula		CO O I			0.445
Alkaline Phos	phatase -	69.94		U/L	0 - 115
SERUM					
Method - IFCC A		6.02			c 7 0
Total Protein	- SERUM	6.83		gm/dl	6 - 7.8
Method - Biuret		1.55		(-11	25 52
Albumin - SEI	-	4.66		gm/dl	3.5 - 5.2
	Cresol Green(BCG)	2.17		(-	2 4
Globulin - Cal		2.17		gm/dl	2 - 4
Method - Calcula	ited	2.15		:1	1 2
A:G Ratio		2.15		:1	1 - 3
Method - Calcula		24.05		11/1	0 55
Gamma Gluta		24.05		U/L	0 - 55
Transferase (
Gglutamyl car	-				
nitroanilide -					
Method - G gluta	amyl carboxy nitroanilide				

References:

1)Pack Insert of Bio system

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interperatation :-

Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Elevated levels results from increased bilirubin production (eg hemolysis and ineffective erythropoiesis); decreased bilirubin excretion (eg; obstruction and hepatitis); and abnormal bilirubin metabolism (eg; hereditary and neonatal jaundice).conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstonesgetting into the bile ducts tumors & Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of hemolytic or pernicious anemia, transfusion reaction & a common metabolic condition termed Gilbert syndrome.

AST levels increase in viral hepatitis, blockage of the bile duct ,cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis.Ast levels may also increase after a heart attck or strenuous activity. ALT is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health. Elevated ALP levels are seen in Biliary Obstruction, Osteoblastic Bone Tumors, Osteomalacia, Hepatitis, Hyperparathyriodism, Leukemia,Lymphoma, paget 's disease, Rickets, Sarcoidosis etc.

Elevated serum GGT activity can be found in diseases of the liver, Biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-including drugs etc.

Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom's disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic - Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc.

Renal Function Test (

<u>RFT)</u>

Urea - SERUM

mg/dl 15 - 39

Patient Name	e: Mr. VAIBH	IAV SHELAR			Age/Sex	: 33 Year(s) / Male	
UHID	: SHHM.593	377			Order Date	: 25/02/2023 09:4	1
Episode	: OP						
Ref. Doctor	: Self				Mobile No	:9821607543	
					DOB	: 27/01/1990	
					Facility	: SEVENHILLS HOS	SPITAL, MUMBAI
					· · · · · · · · · · · · · · · · · · ·		
Method - Ureas	е						
BUN - SERUI	М		8	8.61		mg/dl	4 - 18
Method - Ureas	e-GLDH						
Creatinine -			(0.84		mg/dl	0.5 - 1.3
Method - Jaffes References:	Kinetic						
1)Pack Insert of	^e Bio system						
2) Tietz Textboo	ok Of Clinical Chem	istry And Molecular Dia	gnostics, 6th Ed, Edito	ors: Rifai et al. 20	018		
Interpretation:-							
The blood urea	-	st is primarily used, alo	-			-	
		dney disease, and to m	onitor people with acu	ite or chronic kid	lney dysfunction or fa	ilure. It also may be	
	e a person's genera						
Sample No :	O0260659B	Collection Date :	25/02/23 12:37	Ack Date :	25/02/2023 13:01	Report Date :	25/02/23 14:05
PRANDIAL	PLASMA POST	-					
Glucose,Post	Prandial			109		mg/dl	70.00 - 140.00
-	tes Association Refe	erence Range :					
		j.					
Post-Prandial Blo							
	<i>:: Up to 140mg/dL 140-199 mg/dL</i>						
Diabetic	:>200 mg/dL						
References:							
1)Pack Insert of	^e Bio system						
-	-	istry And Molecular Dia	gnostics, 6th Ed, Edito	ors: Rifai et al. 2	018		
Interpretation :-							
,		vated blood glucose lev	el include: Acromega	lv. Acute stress (response to trauma.	heart attack.and	
		v disease, Cushing synd	-				
-	-	hypoglycemia, a condi					
,	, , ,	ng, palpitations, hunge cometimes even coma a			•	•	
		inking excessive alcoho	-	-			
Severe heart fail	ilure, Chronic kidne,	y (renal) failure, Insulir	n overdose, Tumors th	at produce insul	in (insulinomas),Starv	ration.	
				End of Rep	oort		
0	6 had						
	b lar						

Dr.Ritesh Kharche MD, PGD HOD, Laboratory Medicine Dept. RegNo: 2006/03/1680

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Page 5 of 5

Patient Name: Mr. VAIBHAV SHELARUHID: SHHM.59377Episode: OPRef. Doctor: Self

Age/Sex: 33 Year(s) / MaleOrder Date: 25/02/2023 09:41Mobile No: 9821607543DOB: 27/01/1990Facility: SEVENHILLS HOSPITAL, MUMBAI

IMMUNOLOGY

Test Name		Result			Unit	Ref.	Range
Sample No: 00260623C	Collection Date :	25/02/23 09:42	Ack Date :	25/02/2023 10:16		Report Date :	25/02/23 11:27
T3 - SERUM		1	04.8			ng/dl	70.00 - 204.00
Method - CLIA							
T4 - SERUM		6	.33			ug/dL	4.60 - 10.50
Method - CLIA							
TSH - SERUM		0	.94			uIU/ml	0.40 - 4.50
Method - CLIA							
Reference Ranges (T3) Pregnal	псу:						
First Trimester 81 - 190							
Second Trimester & Third Trime	ester 100 - 260						

Reference Ranges (TSH) Pregnancy: 1st Trimester : 0.1 – 2.5 2nd Trimester : 0.2 – 3.0 3rd Trimester : 0.3 – 3.0

Reference:

1.Clinical Chemistry and Molecular Diagnostics, Tietz Fundamentals, 7th Edition & Endocronology Guideliens

Interpretation :-

It is recommended that the following potential sources of variation should be considered while interpreting thyroid hormone results: 1. Thyroid hormones undergo rhythmic variation within the body this is called circadian variation in TSH secretion: Peak levels are seen between 2-4 am. Minimum levels seen between 6-10 am. This variation may be as much as 50% thus, influence of sampling time needs to be considered for clinical interpretation.

2. Circulating forms of T3 and T4 are mostly reversibly bound with Thyroxine binding globulins (TBG), and to a lesser extent with albumin and Thyroid binding PreAlbumin. Thus the conditions in which TBG and protein levels alter such as chronic liver disorders, pregnancy, excess of estrogens, androgens, anabolic steroids and glucocorticoids may cause misleading total T3, total T4 and TSH interpretations.

3. Total T3 and T4 levels are seen to have physiological rise during pregnancy and in patients on steroid treatment.

4. T4 may be normal the presence of hyperthyroidism under the following conditions : T3 thyrotoxicosis, Hypoproteinemia related reduced binding, during intake of certain drugs (eg Phenytoin, Salicylates etc)

5. Neonates and infants have higher levels of T4 due to increased concentration of TBG

6. TSH levels may be normal in central hypothyroidism, recent rapid correction of hypothyroidism or hyperthyroidism, pregnancy, phenytoin therapy etc.

7. TSH values of <0.03 uIU/mL must be clinically correlated to evaluate the presence of a rare TSH variant in certain individuals which is undetectable by conventional methods.

8. Presence of Autoimmune disorders may lead to spurious results of thyroid hormones

9. Various drugs can lead to interference in test results.

10. It is recommended that evaluation of unbound fractions, that is free T3 (fT3) and free T4 (fT4) for clinic-pathologic correlation, as these are the metabolically active forms.



End of Report

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1			

Dr.Ritesh Kharche MD, PGD HOD, Laboratory Medicine Dept. RegNo: 2006/03/1680

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Patient Name	: Mr. VAIBHAV SHELAR
UHID	: SHHM.59377
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Age/Sex : 33 Year(s) / Male Order Date : 25/02/2023 09:41 Mobile No : 9821607543 DOB : 27/01/1990 Facility : SEVENHILLS HOSPITAL, MUMBAI

Urinalysis									
Test Name			Result			Unit	Ref.	Range	
Sample No :	O0260628E	Collection Date :	25/02/23 10:05	Ack Date :	25/02/2023 10:42		Report Date :	25/02/23 15:08	
URINE S	UGAR AND								
KETONE	(FASTING)								
Sugar				Absent					
ketones				Absent					
Sample No :	O0260659E	Collection Date :	25/02/23 12:37	Ack Date :	25/02/2023 13:57		Report Date :	25/02/23 15:08	
<u>URINE SI</u> KETONE	UGAR AND (PP)								
Sugar				Absent					
ketones				Absent					
				End of Rep	ort				
	Nipa								
Dr.Ni MD Patho	pa Dhorda logist								

DIAGNOSTICS REPORT

Patient Name	: Mr. VAIBHAV SHELAR	Order Date	: 25/02/2023 09:41
Age/Sex	: 33 Year(s)/Male	Report Date	: 25/02/2023 12:41
UHID	: SHHM.59377	IP No	:
Ref. Doctor	: Self	Facility	: SEVENHILLS HOSPITAL, MUMBAI

USG ABDOMEN

Liver is normal in size (14.1 cm) and echotexture. No focal liver parenchymal lesion is seen. Intrahepatic portal and biliary radicles are normal.

Gall-bladder is physiologically distended. No evidence of intraluminal calculus is seen. Wall thickness appears normal. No evidence of peri-cholecystic fluid is seen.

Portal vein and CBD are normal in course and calibre.

Visualised part of pancreas appears normal in size and echotexture. No evidence of duct dilatation or parenchymal calcification seen.

Spleen is normal in size (10.2 cm) and echotexture. No focal lesion is seen in the spleen.

Right kidney measures 8.2 x 4.5 cm. Left kidney measures 11.3 x 5.4 cm.

Both the kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained. No evidence of calculus or hydronephrosis on either side.

Urinary bladder is well distended and appears normal. No evidence of intra-luminal calculus or mass lesion.

Prostate appears normal in size and echotexture. It measures 4.5 x 3.1 x 2.8 cm corresponding to 21.3 cc.

There is no free fluid in abdomen and pelvis. **IMPRESSION:**

'No significant abnormality is detected.

frani-Dr-Shubham Asrani

Dr.Shubham Asrani , MBBS, MD

RegNo: 2020/01/0042

DIAGNOSTICS REPORT

Patient Name	: Mr. VAIBHAV SHELAR	Order Date	: 25/02/2023 09:41
Age/Sex	: 33 Year(s)/Male	Report Date	: 25/02/2023 12:32
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X-RAY CHEST PA VIEW

Both lungs are clear.

The frontal cardiac dimensions are normal.

The pleural spaces are clear.

Both hilar shadows are normal in position and density.

No diaphragmatic abnormality is seen.

The soft tissues and bony thorax are normal.

IMPRESSION: No pleuroparenchymal lesion is seen.

Alani-Dr-Shubham Asrani

Dr.Shubham Asrani , MBBS,MD

RegNo: 2020/01/0042