

CID#

: 2228120273

Name

: MR.SHEKHAR NANAWARE

Age / Gender

: 40 Years/Male

Consulting Dr. : -

Reg.Location

: Lulla Nagar, Pune (Main Centre)

Collected

: 08-Oct-2022 / 09:54

R

Reported

: 08-Oct-2022 / 14:13

PHYSICAL EXAMINATION REPORT

a) Diet: Veg

b)Addiction: No.

(HTN Since 5 Years on Medication)

GENERAL EXAMINATION:

a)Height (cms): 164

b)Weight (kgs): 68

c)Lymph Nodes : Not Palpable

3) SYSTEMIC EXAMINATION

A) RESPIRATORY SYSTEM

a) Lungs : Clear

b) Trachea: Central

c) Air Entry : Equal

d) Rales: No

d) Others: NAD

B) CARDIOVASCULAR SYSTEM (CVS)

a) Heart Sounds: S1 S2 Normal

b) Murmurs : No

c) Pulse/min: 78

d) B/P (mm of Hg): 170/100

e) Miscellenous : NAD

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CENTRAL PROCESSING LAB: 2rd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053

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C) ABDOMEN

a) Liver: Not Palpable

b) Spleen: Not Palpable

c) Any other Swelling: No

D) NERVOUS SYSTEM

a) Ankle Reflex: Normal

b) Plantars: Flexor

DOCTOR REMARKS:

R13cs: 7.04 1301 (F): 136.8 H541C: 7.5 Urice K/m protein +++ Mstrcenda 165:4 Grah I fattilius -> Red to Hoems lolosy -> Red to primary physician for above *** End Of Report *** Voints.

> **Dr.Milind Shinde** MBBS, DNB, Consuling Physician, Diabetologist & Echocardiologist

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Platelet Count

MPV

PDW

: Lulla Nagar, Pune (Main Centre)

371000

8.7

15.8

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150000-400000 /cmm

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

		e Blood Count), Blood	
PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
RBC PARAMETERS			
Haemoglobin	14.9	13.0-17.0 g/dL	Spectrophotometri
RBC	7.04	4.5-5.5 mil/cmm	Elect. Impedance
PCV	46.8	40-50 %	Calculated
MCV	66	80-100 fl	Calculated
MCH	21.2	27-32 pg	Calculated
MCHC	31.9	31.5-34.5 g/dL	Calculated
RDW	16.0	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	11900	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND	ABSOLUTE COUNTS		
Lymphocytes	11.9	20-40 %	
Absolute Lymphocytes	1416.1	1000-3000 /cmm	Calculated
Monocytes	3.8	2-10 %	
Absolute Monocytes	452.2	200-1000 /cmm	Calculated
Neutrophils	83.0	40-80 %	
Absolute Neutrophils	9877.0	2000-7000 /cmm	Calculated
Eosinophils	1.3	1-6 %	
Absolute Eosinophils	154.7	20-500 /cmm	Calculated
Basophils	0.0	0.1-2 %	
Absolute Basophils	0.0	20-100 /cmm	Calculated
Immature Leukocytes			
WBC Differential Count by Abs	orbance & Impedance metho	d/Microscopy.	
PLATELET PARAMETERS			

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Elect. Impedance

Calculated

Calculated

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:08-Oct-2022 / 13:15

RBC MORPHOLOGY

Hypochromia

- 4

Microcytosis

++

Macrocytosis

Anisocytosis

Mild

Poikilocytosis

-

Polychromasia

Target Cells

-

Basophilic Stippling

-

....

Normoblasts

1020

Others

WBC MORPHOLOGY

PLATELET MORPHOLOGY

COMMENT

Neutrophilic Leukocytosis

Features suggest thalassemia trait. Advice: Hb electrophoresis

Specimen: EDTA Whole Blood

ESR, EDTA WB

5

2-15 mm at 1 hr.

Westergren

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AFRECCAMI HEALTHCARE BELO	OW 40	MALE/FEMALE
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PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	136.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	162.0	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.7	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.27	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.43	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.4	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
SGOT (AST), Serum	15.2	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	16.8	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	17.3	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	69.1	40-130 U/L	Colorimetric
BLOOD UREA, Serum	17.4	12.8-42.8 mg/dl	Kinetic
BUN, Serum	8.1	6-20 mg/dl	Calculated
CREATININE, Serum	1.11	0.67-1.17 mg/dl	Enzymatic

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eGFR, Serum

78

>60 ml/min/1.73sqm

Calculated

URIC ACID, Serum

5.5

3.5-7.2 mg/dl

Enzymatic

Urine Sugar (Fasting)

Absent

Absent

Urine Ketones (Fasting)

Absent

Absent

Urine Sugar (PP)

Absent

Absent

Urine Ketones (PP)

Absent

Absent

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Pune Lab, Pune Swargate
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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c)

PARAMETER

RESULTS

BIOLOGICAL REF RANGE

METHOD

Glycosylated Hemoglobin (HbA1c), EDTA WB - CC

(eAG), EDTA WB - CC

7.5

Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 %

HPLC

Estimated Average Glucose

168.6

Diabetic Level: >/= 6.5 % mg/dl

Calculated

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE **EXAMINATION OF FAECES**

Absent

Absent

PARAMETER	RESULTS	BIOLOGICAL REF RANGE
PHYSICAL EXAMINATION		The state of the s

Colour Brown Brown Form and Consistency Semi Solid Semi Solid Mucus Trace Absent Blood Absent Absent

CHEMICAL EXAMINATION

Reaction (pH) Acidic (6.0)

Occult Blood Absent

MICROSCOPIC EXAMINATION

Protozoa Absent Absent Flagellates Absent Absent Ciliates Absent Absent **Parasites** Absent Absent Macrophages Absent Absent Mucus Strands Flakes + Absent Fat Globules Absent Absent RBC/hpf Absent Absent WBC/hpf Occasional Absent Yeast Cells Absent Absent **Undigested Particles** Present + Concentration Method (for ova) No ova detected

Reducing Substances Absent *Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Pune Lab, Pune Swargate *** End Of Report ***







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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

	OILINE EXA		
PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Dark yellow	Pale Yellow	
Reaction (pH)	Acidic (5.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.020	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30		
CHEMICAL EXAMINATION			
Proteins	+++	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	++	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATIO	ON		
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	2-3	0-2/hpf	
Epithelial Cells / hpf	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	6-8	Less than 20/hpf	
		Control of the Contro	

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Pune Lab, Pune Swargate *** End Of Report **







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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

PARAMETER

RESULTS

ABO GROUP

A

Rh TYPING

Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Specimen: EDTA Whole Blood and/or serum

Clinical significance:

ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

Refernces:

- Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia 1.
- AABB technical manual

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PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	183.9	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	165.4	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	36.3	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	147.6	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	115.0	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	32.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.1	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO,	3.2	0-3.5 Ratio	Calculated

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

PARAMETER

RESULTS

BIOLOGICAL REF RANGE

METHOD

Free T3, Serum

4.3

2.6-5.7 pmol/L

CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019

Free T4, Serum

11.9

9-19 pmol/L

CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019

sensitiveTSH, Serum

2.55

0.35-4.94 microIU/ml

CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019. NOTE: 1) TSH values between 5.5 to 15 microlU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH. 2) TSH values may be transiently altered because of non thyroidal illness like severe infections, liver disease, renal & heart failure, severe burns, trauma & surgery etc.

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Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

1)TSH Values between high abnormal upto 15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation: TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am, and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation: 19.7% (with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid , TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

- 1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.
- 2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- Interpretation of the thyroid function tests, Dayan et al. THE LANCET. Vol 357
- 3. Tietz , Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

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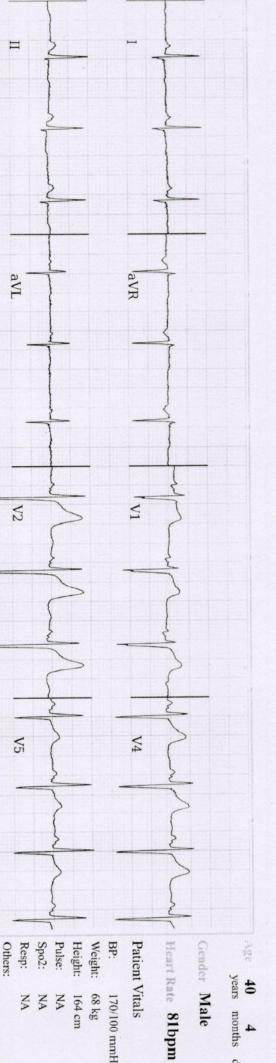
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PRECISE TESTING . HEALTHIER LIVING DIAGNOST

> Patient Name: SHEKHAR NANAWARE Patient ID: 2228120273

> > Date and Time: 8th Oct 22 10:49 AM



years months days 40

Gender Male

Patient Vitals

Weight: 68 kg 170/100 mmHg

Height: 164 cm

Pulse: Spo2: NA NA

QT: QRSD: Measurements 78ms 350ms

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aVF

V3

V6

P-R-T: 56° 69° 85° 124ms QTc:

406ms

ECG Within Normal Limits: Sinus Rhythm, Normal Axis. Please correlate clinically.

25.0 mm/s 10.0 mm/mV



REPORTED BY

FLICOS

Dr.Milind Shinde MBBS, DNB Medicine 2011/05/1544



Authenticity Check <<QRCode>>

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CID

: 2228120273

Name

: Mr SHEKHAR NANAWARE

Age / Sex

Reg. Location

: 40 Years/Male

Ref. Dr

: Lulla Nagar, Pune Main Centre

Reg. Date

Reported

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USG (ABDOMEN + PELVIS)

LIVER: The liver is normal in size, shape and smooth margins.

It shows raised parenchymal echo pattern s/o grade I fatty infiltration.

The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen.

The main portal vein and CBD appears normal.

GALL BLADDER: The gall bladder is physiologically distended.

The visualized gall bladder appears normal. No evidence of pericholecystic fluid is seen.

PANCREAS: The pancreas is well visualised and appears normal.

No evidence of solid or cystic mass lesion is noted.

KIDNEYS: Right kidney measures 8.8 x 3.7 cm. Left kidney measures 9.4 x 4.5 cm.

Both the kidneys are normal in size, shape and echotexture.

No evidence of any calculus, hydronephrosis or mass lesion seen.

SPLEEN: The spleen is normal in size, shape and echotexture. No evidence of focal lesion is noted.

URINARY BLADDER: The urinary bladder is well distended. It shows thin walls and sharp mucosa. No evidence of calculus is noted. No mass or diverticulum is seen.

PROSTATE: The prostate is normal in size and echotexture.

Visualized small bowel loops appear non-dilated. Gaseous distension of large bowel loops. There is no evidence of any lymphadenopathy or ascitis.

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IMPRESSION:

Reg. Location

Grade I fatty liver.

Advice - Clinical and lab correlation.

-----End of Report-----

This report is prepared and physically checked by Dr Pallavi before dispatch.

Dr. PALLAVI RAWAL MBBS, MD Radiology Reg No 2013/04/1170

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PUNE LAB ADDRESS: Seraph Centre, Opp. BSNL Exchange, Shahu College Road, Off Pune-Satara Road, Behind Panchami Forty, Pung - 213907

CENTRAL PROCESSING LAB: 2rd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053



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Reg. Date

X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

IMPRESSION:

No significant abnormality is detected.

-----End of Report-----

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PUNE LAB ADDRESS: Seraph Centre, Opp. BSNL Exchange, Shahu College Road, Off Pune-Satara Road, Behind Panchami Hotel, Pune - 411099

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