

Patient Name: NEETU PAL	UHID: 370975
Age / Sex: 30 Yrs. / Female	Study: USG Abdomen + Pelvis
Referred By: Dr. at shalby hospital	Date: 07.09.2024

**ULTRASOUND OF ABDOMEN AND PELVIS (TAS)**

**Liver** is normal in size shows grade I fatty changes. No focal lesion seen. The Hepatic veins appear normal. No evidence of dilated I.H.B.R. **Portal vein** appears normal.

**Gall bladder** Approx 2 to 3 mm size multiple GB calculi seen without features of cholecystitis. No pericholecystic fluid seen. **CBD** appears normal.

**Pancreas** appears normal in size and echotexture.

**Spleen** appears normal in size and appearance. No focal lesion seen.

**Right kidney** it shows normal echotexture and corticomedullary differentiation. There is no evidence of scarring, hydronephrosis or calculi.

**Left kidney** it shows normal echotexture and corticomedullary differentiation. There is no evidence of scarring, hydronephrosis or calculi.

**Urinary bladder** well distended and appears normal. No evidence of any intraluminal mass or calculi.

**Uterus** appears normal in size. The uterine myometrial echotexture is homogenous. No focal lesion is seen. There is no evidence of any ovarian or adnexal mass lesion.

No ascites is seen. No abnormal bowel wall thickening and dilatation seen.

**IMPRESSION:**

- Multiple GB calculi.
- Grade I fatty liver.

Thanks for referrals.

DR. NITIN DESAI  
(CONSULTANT RADIOLOGIST)

**SHALBY HOSPITAL, SURAT**

Near Navyug College, Rander Road, Adajan, Surat, Gujarat, India. | Ph.: 0261-7190000 | Email : info.surat@shalby.org

**SHALBY LIMITED**

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 Tel : 0261 7190000 | Ext : 851 | Mo : 9512036046 | Email : pathology.surat@shalby.in | Web : www.shalby.org

PID : SUR0000370975 OP-001

REPORT STATUS : Interim



Patient Name : Mrs. Neetu Pal	/	Registered On : 07-Sep-2024 10:09 AM
Lab ID : 409900519		Collected On : 07-Sep-2024 10:10 AM
Gender/Age : Female / 25 Years	DOB : 17-Jul-1999	Received On : 07-Sep-2024 10:11 AM
Ref. By : Health Check Up Shalby		Sample Type : EDTA Whole Blood

Parameter	Result	Unit	Biological Ref. Interval
<b>BLOOD COUNT AND INDICIES</b>			
HAEMOGLOBIN <small>Colorimetric Non Cyanide</small>	10.4	g/dL	12.0 - 15.0
RBC COUNT <small>Electrical Impedance</small>	3.79	mill/cmm	3.8 - 4.8
HCT <small>Calculated</small>	33.4	%	36 - 46
MCV <small>Calculated based on the RBC histogram</small>	88.2	fL	83 - 101
MCH <small>Calculated</small>	27.4	pg	27 - 32
MCHC <small>Calculated</small>	31.1	g/dL	31.5 - 34.5
RDW <small>Calculated</small>	12.8	%	11.6 - 14.0

**TOTAL LEUCOCYTE COUNT**

Total WBC Count <small>Electrical Impedance</small>	6660	cells/cmm	4000 - 10000
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**DIFFERENTIAL LEUCOCYTE COUNT (Manual by Microscopy)**

NEUTROPHILS <small>Flow Cytometry</small>	54	%	40 - 80
LYMPHOCYTES <small>Flow Cytometry</small>	37	%	20 - 40
EOSINOPHILS <small>Flow Cytometry</small>	6	%	1 - 6
MONOCYTES <small>Flow Cytometry</small>	3	%	2 - 10
BASOPHIL <small>Flow Cytometry</small>	0	%	0 - 2

**PLATELET INDICES**

PLATELET COUNT <small>Electrical Impedance</small>	246000	/cmm	150000 - 410000
MPV <small>Calculated based on PLT Histogram</small>	10.4	fL	7.5 - 12.0

**PERIPHERAL SMEAR EXAMINATION**

RBCs	Normochromic and Normocytic.
WBCs	Total and differential leucocyte counts are within normal limit
PLATELETs	Adequate in number and normal in morphology.
MALARIAL PARASITE	Malarial parasites are not seen on smear examination.

EDTA Whole Blood - Tests done on Automated Five Part Cell Counter. (WBC, RBC, MCV & Platelet count by classical impedance method, Hb by cyanide-free colorimetric method, WBC differential by Chemical dye, Flowcytometry, Semi-conductive Laser scatter Method, independent Basophil channel & other parameters calculated). All Haemograms are reviewed & confirmed microscopically.

Reference Interval: Dacie and Lewis practical haematology 11th edition.

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Dr Pankaj Agrawal

M.B., D.C.P  
Consulting Pathologist



Certificate No. : WC-528

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**BLOOD GROUP**

(Tube agglutination: Forward &amp; reverse)

ABO Type	"O"
RH Type	POSITIVE

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<b>ESR 1st hour</b> <small>Modified Westergren Method</small>	19	mm in 1 hour	0 - 20
<b>HbA1C</b> <b>HbA1c - Glycated Haemoglobin</b> <small>Boronate Affinity Assay</small>	5.3	%	Non-diabetic: <= 5.6 Pre-diabetic: 5.7-6.4 Diabetic: >= 6.5 Therapeutic goals for glycemic control Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5
<b>Estimated Average Glucose (eAG) (mg/dL)</b> <small>Calculated</small>	105	mg/dL	

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Ref. By : Health Check Up Shalby		Sample Type : Serum

Parameter	Result	Unit	Biological Ref. Interval
<b>LIPID PROFILE</b>			
<b>LIPID PROFILE</b>			
<b>Cholesterol</b> <small>Cholesterol Esterase, Oxidase, Peroxidase</small>	147	mg/dL	Desirable: <200 Borderline High: 200 - 239 High >=240
<b>SERUM TRIGLYCERIDE</b> <small>Lipase/GK/GPO/PDO</small>	92	mg/dL	Normal : <150 Borderline High : 150-199 High : 200-499 Very High : > 500
<b>HDL CHOLESTEROL DIRECT</b> <small>Phosphotungstic Acid/Mgo2 - Enzymatic</small>	53	mg/dL	Major risk factor for heart disease : < 40 Negative risk factor for heart disease : >= 60
<b>Non HDL Cholesterol</b> <small>Calculated</small>	94	mg/dL	Optimal : <130 Desirable : 130-159 Borderline high : 159-189 High : 189-220 Very High : >=220
<b>LDL Cholesterol</b> <small>Calculated</small>	76	mg/dL	Optimal: <100 Near to above Optimal: 100 - 129  Borderline High: 130 - 159 High: 160 - 189 Very High: > 190
<b>VLDL</b> <small>Calculated</small>	18	mg/dL	6 - 38
<b>LDL/dHDL</b> <small>Calculated</small>	1.4		2.5 - 3.5
<b>Chol/dHDL</b> <small>Calculated</small>	2.8	Ratio	3.5 - 5.0

Note: Reference interval as per National Cholesterol Education Programme (NCEP) Adult Treatment Panel III Report. VLDL, CHOL/dHDL RATIO, LDL/dHDL RATIO, LDL Cholesterol, Non HDL Cholesterol are calculated parameters. Estimation of LDL by direct method is recommended when TG>400 mg/dL.

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**THYROID PROFILE (TFT)**

<b>Total T3</b> <small>Chemiluminescence immunoassay (CLIA)</small>	151	ng/dL	87 - 178
<b>Total T4</b> <small>Chemiluminescence immunoassay (CLIA)</small>	13.12	µg/dL	99% Reference Interval (µg/dL) 4.82 - 15.65
<b>TSH</b> <small>Chemiluminescence immunoassay (CLIA)</small>	5.987	µIU/mL	Non Pregnant Females: 0.38-5.33 µIU/mL Pregnant Females (1st trimester): 0.05-3.70 µIU/mL Pregnant Females (2nd trimester): 0.31-4.35 µIU/mL Pregnant Females (3rd trimester): 0.41-5.18 µIU/mL

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**RENAL FUNCTION TEST****NABL Accredited Parameters****Urea Nitrogen (BUN)**

8

mg/dL

7 - 17

*Urease, colorimetric***UREA**

17

mg/dL

15 - 36

*Calculated***Creatinine**

0.58

mg/dL

0.52 - 1.04

*Enzymatic - Creatinine amidohydrolase***S. URIC ACID**

3.2

mg/dL

2.5 - 6.2

*Uricase/Peroxidase, Colorimetric***Calcium**

9.6

mg/dL

8.4 - 10.2

*Arsenazo III dye***Sodium**

142

mmol/L

137 - 145

*Direct Ion Selective Electrode***S. POTASSIUM**

4.7

mmol/L

3.5 - 5.1

*Direct Ion Selective Electrode***Chloride**

107

mmol/L

98 - 107

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## BIOCHEMISTRY

Phosphorus (Not in NABL Scope)	4.9	mg/dL	2.5 - 4.5
<i>Phosphomolybdate reduction (PMA Phenol)</i>			

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Gender/Age : Female / 25 Years	DOB : 17-Jul-1999	Received On : 07-Sep-2024 11:24 AM
Ref. By : Health Check Up Shalby		Sample Type : Urine

## URINE EXAMINATION

Parameter	Result	Unit	Biological Ref. Interval
<b>Physical Examination</b>			
Colour	Pale Yellow		Pale yellow
Transparency	Clear		Clear
<b>Chemical Examination</b>			
Glucose	Glucose-oxidase/oxidase reaction	Nil	Negative
Bilirubin	Azo-coupling Reaction with diazonium	Negative	Negative
Ketone	Sodium Nitroprusside reaction	Nil	Negative
Specific Gravity	Refractometric Method - Bromthymol blue	1.030	S.G. value 1.001 - 1.035
Blood	Peroxidase like activity of hemoglobin	Trace (+/-)	Negative
pH	Double Indicator principle	5.0	PH value 4.6 - 8.0
Protein	Protein Error of Indicator Principle	Negative	Negative
Urobilinogen	Modified Ehrlich reaction	Normal	EU/dL Upto 1.0 mg/dL (EU/dL)
Nitrite	Diazotization reaction of nitrite with an aromatic amine	Negative	Negative
Leucocyte	Leucocyte Esterase Test	Trace (+/-)	Negative
<b>Microscopic Examination</b>			
Pus cells	8-10/hpf	/hpf	0-5/hpf
Red blood cells	4-5/hpf	/hpf	NIL/hpf
Epithelial cells	5-6/hpf	/hpf	NA
Crystals	Nil		Nil
Cast	Nil		Nil
Bacteria	Nil		Nil
Amorphous	Nil		Nil
Yeast	Nil		Nil
Others	Nil		Nil

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<b>Liver Function Test</b>			
<b>Liver Function Test</b>			
<b>SGPT (ALT)</b> <i>Multi Point Rate with P-5-P</i>	13	U/L	9 - 52
<b>SGOT (AST)</b> <i>Multi Point Rate with P-5-P</i>	22	U/L	14 - 36
<b>Alkaline Phosphatase</b> <i>PNPP, AMP Buffer</i>	104	U/L	20-50 yrs.: 42 - 98 4-19 yr : 54 - 369 >/=51 yr : 56 - 119
<b>GGT</b> <i>L-gamma-glutamyl-4-nitroanilide/glycylglycine Kinetic</i>	10	U/L	12 - 43
<b>S. PROTEIN</b> <i>Buret (Alkaline cupric sulfate), End Point</i>	7.2	g/dL	6.3 - 8.2
<b>Albumin</b> <i>Bromocresol Green (BCG), Colorimetric</i>	4.6	g/dL	3.5 - 5.0
<b>S. GLOBULIN</b> <i>Calculated</i>	2.6	g/dL	2.3 - 3.6
<b>A/G Ratio</b> <i>Calculated</i>	1.8	Ratio	1.0 - 2.3
<b>Bilirubin Total</b> <i>Azobilirubin/Dyphyline/Diazonium Salt</i>	0.6	mg/dL	0-1 day (premature) 1.0 - 8.0 0-1 day (full term) : 2.0 - 6.0 1-2 day (premature) : 6.0 - 12.0 1-2 day (full term) : 6.0 - 10.0 3-5 day (premature) : 10.0 - 14.0 3-5 day (full term) : 4.0 - 8.0  Adult : 0.2 - 1.3
<b>Bilirubin Unconjugated</b> <i>End-point Colorimetric (Dual wavelength spectrophotometric)</i>	0.5	mg/dL	Unconjugated bilirubin Adults: 0.0-1.1 Neonates: 0.6-10.5
<b>Bilirubin Direct</b> <i>Calculated</i>	0.1	mg/dL	Conjugated bilirubin and Delta bilirubin (Bilirubin covalently bound to albumin) 0.0-0.4

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

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**Dr Pankaj Agrawal**  
 M.B., D.C.P.  
 Consulting Pathologist

Pre - op

Post- op

Health Check-up

Date : 7/9/24

Patient Reg. No. : \_\_\_\_\_

Patient Name : Neeta Patel Age / Sex : 30/17

Address : Coolidge

**Complaints :**

Pain : \_\_\_\_\_

Bleeding gums : \_\_\_\_\_

Swelling : \_\_\_\_\_

Sensitivity : \_\_\_\_\_

Pus Discharge : \_\_\_\_\_

**Medical History :**

Hypertension : \_\_\_\_\_ DM \_\_\_\_\_ Acidity \_\_\_\_\_ Pregnancy : \_\_\_\_\_

Bleeding Disorders : \_\_\_\_\_ Asthma : \_\_\_\_\_ Allergy : \_\_\_\_\_

Past Surgical Intervention : \_\_\_\_\_

**Any Medication :**

**On Examination :**

Abscess : \_\_\_\_\_ Food lodgement : \_\_\_\_\_

Periodontitis : \_\_\_\_\_ Gingivitis : \_\_\_\_\_

Missing Teeth : 5 Mobility : \_\_\_\_\_

**Treatment Advised :**

Scaling : Sitzings 1  2  3  Deep  Perio Surgery : \_\_\_\_\_

Restoration : \_\_\_\_\_ Class V Fillings : \_\_\_\_\_

RCT : \_\_\_\_\_ Extraction : 8/8

Dentures : \_\_\_\_\_ Partial Denture : \_\_\_\_\_

Implants : \_\_\_\_\_ Crown & Bridge Present : \_\_\_\_\_

Crown / Bridge Replacement :		
Advised Crown / Bridge :	2657	
Advised X - Ray / O.P.G. :		

**Some Golden Rules :**

1. Brush your teeth twice a day.
2. Floss your teeth daily.
3. Gargle forcefully after each meal.
4. Visit your dentist twice a year.
5. Any dental treatment should be performed in an well maintained.

hygienic setup using "autoclaved" instruments & "sterilized pouch" facility.

After knee replacement any treatment should be done under "Antibiotic Coverage"

Adult Scaling

Extraction  $\frac{8}{8}$

Bridge 2657

*Jalou V. Shah*

**Dr. Darshini V. Shah**  
(Consultant Dental Surgeon)