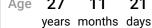
SUBURBAN DIAGNOSTICS - BORIVALI WEST



Patient Name: GAUTAM KUNAL

Patient ID: 2207125979 Date and Time: 12th Mar 22 9:36 AM



Gender Male

Heart Rate 71bpm

Patient Vitals

BP: NA Weight: NA Height: NA Pulse: NA

Spo2: NA

Resp:

Others:

Measurements

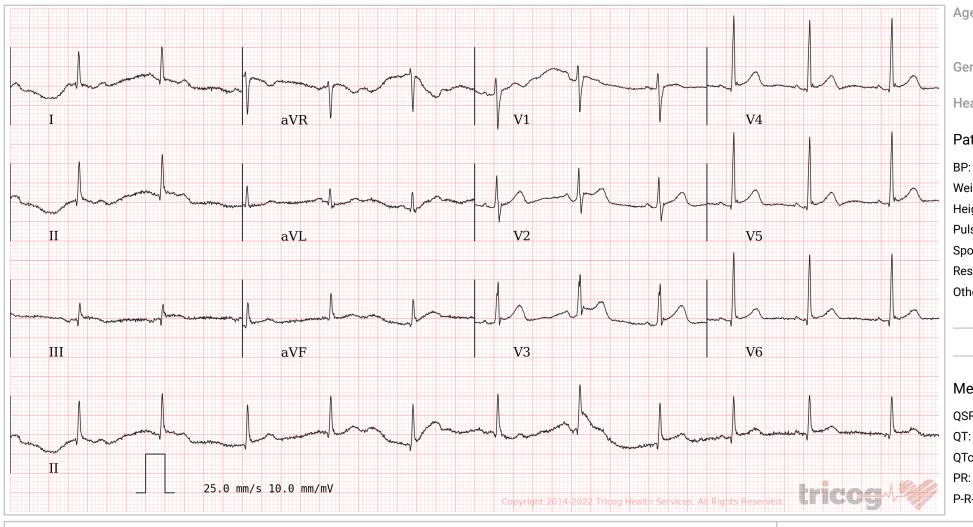
QSRD: 78ms

QT: 364ms

395ms QTc:

118ms

P-R-T: -15° 43° 38°



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

REPORTED BY

Dr Nitin Sonavane M.B.B.S.AFLH, D.DIAB, D.CARD **Consultant Cardiologist** 87714

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



Name : Mr GAUTAM KUNAL

Age / Sex : 27 Years/Male

Ref. Dr :

Reg. Location : Borivali West

Authenticity Check

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: 12-Mar-2022 / 10:00

Reported : 12-Mar-2022 / 10:19

USG WHOLE ABDOMEN

Reg. Date

<u>LIVER</u>: Liver is normal in size, shape and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any obvious focal lesion.

GALL BLADDER: Gall bladder is distended and appears normal. No obvious wall thickening is noted. There is no evidence of any calculus.

PORTAL VEIN: Portal vein is normal. **CBD:** CBD is normal.

PANCREAS: Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification.

KIDNEYS: Right kidney measures 10.6 x 4.4 cm. Left kidney measures 10.6 x 5.3 cm.

Both kidneys are normal in shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

SPLEEN: Spleen is normal in size, shape and echotexture. No focal lesion is seen.

URINARY BLADDER: Urinary bladder is minimally distended.

PROSTATE: Prostate is normal in size and echotexture. No evidence of any obvious focal lesion.

No free fluid or size significant lymphadenopathy is seen.

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http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022031208360830

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Reg. Date : 12-Mar-2022 / 10:00

Reported : 12-Mar-2022 / 10:19

Opinion:

No significant abnormality is detected.

For clinical correlation and follow up.

Investigations have their limitations. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly.

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

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

+

Dr. VIKRANT S. PATIL M. D. Radio Diagnosis Reg No 2014052421



Name : Mr GAUTAM KUNAL

Age / Sex : 27 Years/Male

Ref. Dr :

Reg. Location : Borivali West



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: 12-Mar-2022 / 09:07

Reported : 12-Mar-2022 / 12:04

X-RAY CHEST PA VIEW

Reg. Date

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	

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



Dr. VIKRANT S. PATIL M. D. Radio Diagnosis Reg No 2014052421

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Name : MR.GAUTAM KUNAL

Age / Gender : 27 Years / Male

Consulting Dr. : -

Reg. Location : Borivali West (Main Centre)



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Collected : 12-Mar-2022 / 08:37

Reported

:12-Mar-2022 / 11:41

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

	CBC (Complete Bloo	od Count), Blood	
<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	15.8	13.0-17.0 g/dL	Spectrophotometric
RBC	5.50	4.5-5.5 mil/cmm	Elect. Impedance
PCV	47.5	40-50 %	Measured
MCV	86	80-100 fl	Calculated
MCH	28.7	27-32 pg	Calculated
MCHC	33.2	31.5-34.5 g/dL	Calculated
RDW	15.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	7220	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND AB	SOLUTE COUNTS		
Lymphocytes	23.7	20-40 %	
Absolute Lymphocytes	1711.1	1000-3000 /cmm	Calculated
Monocytes	6.7	2-10 %	
Absolute Monocytes	483.7	200-1000 /cmm	Calculated
Neutrophils	67.3	40-80 %	
Absolute Neutrophils	4859.1	2000-7000 /cmm	Calculated
Eosinophils	2.1	1-6 %	
Absolute Eosinophils	151.6	20-500 /cmm	Calculated
Basophils	0.2	0.1-2 %	
Absolute Basophils	14.4	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	306000	150000-400000 /cmm	Elect. Impedance
MPV	8.3	6-11 fl	Calculated
PDW	14.3	11-18 %	Calculated

RBC MORPHOLOGY

Hypochromia Microcytosis -

Page 1 of 10

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Name : MR.GAUTAM KUNAL

:27 Years / Male Age / Gender

Consulting Dr. Collected : 12-Mar-2022 / 08:37

Reported :12-Mar-2022 / 10:48 : Borivali West (Main Centre) Reg. Location

Macrocytosis

Anisocytosis

Poikilocytosis

Polychromasia

Target Cells

Basophilic Stippling

Others Normocytic, Normochromic

WBC MORPHOLOGY

PLATELET MORPHOLOGY

COMMENT

Specimen: EDTA Whole Blood

Normoblasts

ESR, EDTA WB 12 2-15 mm at 1 hr. Westergren

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Collected

Reported :12-Mar-2022 / 11:30

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	104.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	85.2	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	1.05	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.34	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.71	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.8	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.2	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.1	1 - 2	Calculated
SGOT (AST), Serum	22.9	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	35.6	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	18.4	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	148.9	40-130 U/L	Colorimetric
BLOOD UREA, Serum	24.9	12.8-42.8 mg/dl	Kinetic
BUN, Serum	11.6	6-20 mg/dl	Calculated
CREATININE, Serum	0.81	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	121	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	7.3	3.5-7.2 mg/dl	Enzymatic

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Reported

:13-Mar-2022 / 09:51

:13-Mar-2022 / 13:06

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 Borivali Lab, Borivali West
*** End Of Report ***







Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab
Director

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Age / Gender : 27 Years / Male

Consulting Dr. Collected : 12-Mar-2022 / 08:37

Reported :12-Mar-2022 / 14:03 Reg. Location : Borivali West (Main Centre)

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c)

BIOLOGICAL REF RANGE PARAMETER RESULTS METHOD

HPLC Glycosylated Hemoglobin Non-Diabetic Level: < 5.7 % 5.6 (HbA1c), EDTA WB - CC

Prediabetic Level: 5.7-6.4%Diabetic Level: >/= 6.5 %

Estimated Average Glucose 114.0 mg/dl Calculated

(eAG), EDTA WB - CC

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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c salue **Dr.LEENA SALUNKHE** M.B.B.S, DPB (PATH) **Pathologist**

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:12-Mar-2022 / 17:11

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE EXAMINATION OF FAECES

RESULTS BIOLOGICAL REF RANGE PARAMETER

PHYSICAL EXAMINATION

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

CHEMICAL EXAMINATION

Reaction (pH) Acidic (5.5)

Occult Blood Absent Absent

MICROSCOPIC EXAMINATION

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







Bmhaskar Dr.KETAKI MHASKAR M.D. (PATH) **Pathologist**

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Name : MR.GAUTAM KUNAL

Age / Gender : 27 Years / Male

Consulting Dr. Collected : 12-Mar-2022 / 08:37

:12-Mar-2022 / 19:24 : Borivali West (Main Centre) Reported Reg. Location

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT RESULTS BIOLOGICAL REF RANGE

PHYSICAL EXAMINATION

PARAMETER

Color Pale yellow Pale Yellow

Reaction (pH) 4.5 - 8.0 5.0 Chemical Indicator Specific Gravity 1.015 1.001-1.030 Chemical Indicator

Transparency Clear Clear Volume (ml)

CHEMICAL EXAMINATION

Proteins Absent Absent pH Indicator **GOD-POD** Glucose Absent Absent Ketones Absent Absent Legals Test Blood **Absent Absent** Peroxidase Bilirubin Diazonium Salt Absent Absent Urobilinogen Normal Normal Diazonium Salt **Griess Test Nitrite** Absent Absent

MICROSCOPIC EXAMINATION

Leukocytes(Pus cells)/hpf 2-3 0-5/hpf Red Blood Cells / hpf Absent 0-2/hpf

Epithelial Cells / hpf 1-2

Casts Absent Absent Crystals **Absent Absent** Amorphous debris Absent Absent

Bacteria / hpf +(>20/hpf) Less than 20/hpf

Others

Note: Sample quantity less than 12ml.

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Dr.SHASHIKANT DIGHADE M.D. (PATH) **Pathologist**

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METHOD



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: 12-Mar-2022 / 08:37 :12-Mar-2022 / 17:45

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

PARAMETER RESULTS

ABO GROUP В

Rh TYPING **POSITIVE**

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

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
- AABB technical manual

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Name : MR.GAUTAM KUNAL

:27 Years / Male Age / Gender

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	173.7	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	128.5	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	30.5	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	143.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/d High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated l
LDL CHOLESTEROL, Serum	117.0	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	26.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.7	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.8	0-3.5 Ratio	Calculated

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Name : MR.GAUTAM KUNAL

Age / Gender : 27 Years / Male

Collected Consulting Dr. : 12-Mar-2022 / 08:37

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

PARAMETER	KESUL 1S	BIOLOGICAL REF RANGE	ME I HOD
Free T3, Serum	4.8	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	15.9	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.27	0.35-5.5 microIU/ml	ECLIA

Interpretation:

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

Clinical Significance:

- 1)TSH Values between 5.5 to 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.

	<u> </u>		·
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: 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.

Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.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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Annha **Dr.ANUPA DIXIT** M.D.(PATH) **Consultant Pathologist & Lab** Director

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SID# : 177804999904

Name : MR.GAUTAM KUNAL

: 2207125979

Registered : 12-Mar-2022 / 08:35

Age / Gender : 27 Years/Male

Years/Male Collected

: 12-Mar-2022 / 08:35

Consulting Dr. : -

CID#

Reported

: 12-Mar-2022 / 15:24

Reg.Location : Borivali West (Main Centre)

Printed : 12-Mar-2022 / 15:29

PHYSICAL EXAMINATION REPORT

History and Complaints:

Asymptomatic

EXAMINATION FINDINGS:

Height (cms):171cmsWeight (kg):70.3kgTemp (0c):AfebrileSkin:NormalBlood Pressure (mm/hg):120/80 mm of hgNails:Normal

Pulse: 78/min Lymph Node: Not palpable

Systems

Cardiovascular: S1S2 audible

Respiratory: AEBE **Genitourinary:** NAD

GI System: Liver & Spleen not palpable

CNS: NAD

IMPRESSION:

ADVICE:

CHIEF COMPLAINTS:

Hypertension: NO
 IHD NO
 Arrhythmia NO
 Diabetes Mellitus NO
 Tuberculosis NO

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CID# : **2207125979** SID# : 177804999904

Name : MR.GAUTAM KUNAL Registered : 12-Mar-2022 / 08:35

Age / Gender : 27 Years/Male Collected : 12-Mar-2022 / 08:35

Consulting Dr. : - Reported : 12-Mar-2022 / 15:24

Reg.Location : Borivali West (Main Centre) Printed : 12-Mar-2022 / 15:29

6) Asthama NO

7) Pulmonary Disease NO

8) Thyroid/ Endocrine disorders NO

9) Nervous disorders NO

10) **GI system** NO

11) Genital urinary disorder NO

11) German urmany disorder

12) Rheumatic joint diseases or symptoms NO

13) Blood disease or disorder NO

14) Cancer/lump growth/cystNO15) Congenital diseaseNO

16) Surgeries NO

17) Musculoskeletal System NO

PERSONAL HISTORY:

Alcohol
 Smoking
 Diet
 Medication
 NO
 Mo
 NO

*** End Of Report ***

Dr.NITIN SONAVANE PHYSICIAN

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