

# PANCHMUKHI HOSPITAL

Dr C P Dadhaniya

Dr R C Dadhaniya  
MBBS, Dip.G.O, Diabetologist

150' RING ROAD, MAVDI CHOKDI, SANESHWAR ARCADE, RAJKOT Mo.9925333639,8320711901

policy number :  
full name : Solanki Hamsukhlal Jiraj  
identity proof : Pancure  
identity proof no : ACVPL2677D  
gender : male/47  
height : 170  
weight : 71  
B P : 120/86  
pluse : 64/min  
blood sample : yes  
fasting mode : yes  
non fasting mode : yes  
  
past history : NO  
  
Dental : Healthy  
  
Colour vision : Normal

*Solanki*

DR. C. P. DADHANIYA

M.B. Diabetologist  
Ind. Physician  
Reg. No. ( )  
Code No. ( )

Panchmukhi Hospital  
Mavdi Chokdi  
150 Ft. Ring Road, RAJKOT.



NAME: Solanki Harsukhlal Jivraj  
AGE/ GENDER: male / 47

DATE: 13-04-24

PATIENT'S REFRACTION DEATILES

		SPHE	CYL	AXIS	VN
R	D	N	N	N	6/6
	N	N			6/6
L	D	N	N	N	6/6
	N	N			6/6

REMARKS:

CHECKED BY: Dr. C.P. Dadhaniya

DR. C. P. DADHANIYA

M.B. Diabetologist

Ind. Physician (CIH)

Regd. No. 670798

Code No. 378943

Panchmukhi Hospital

Mavdi Chowki,

150 Ft. Ring Road, RAJKOT.

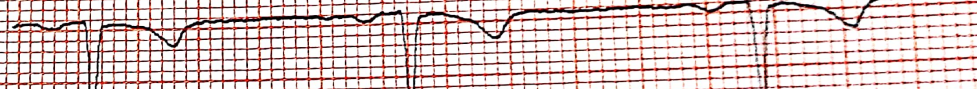
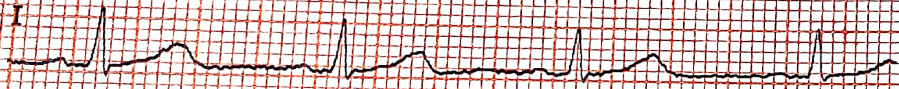
*J. Sachdev*



10mm/mV AUTO

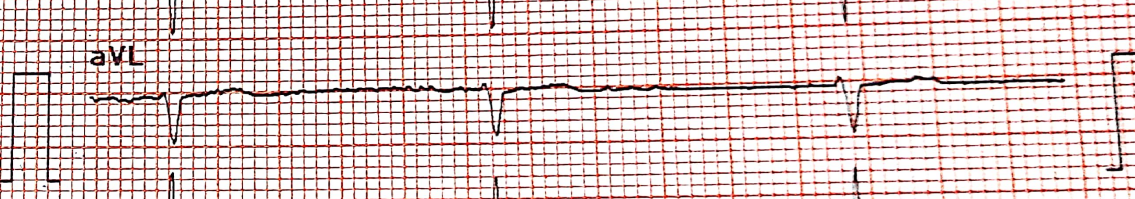
10mm/mV

aVR



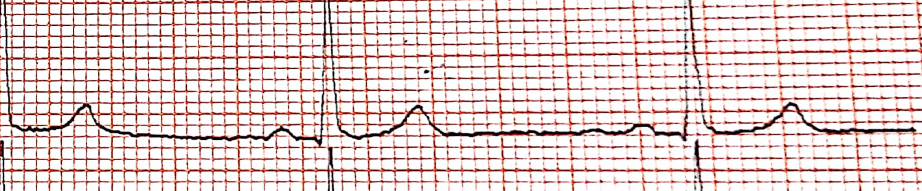
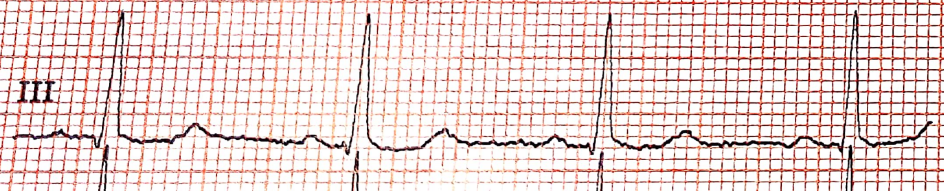
II

aVL



III

aVF



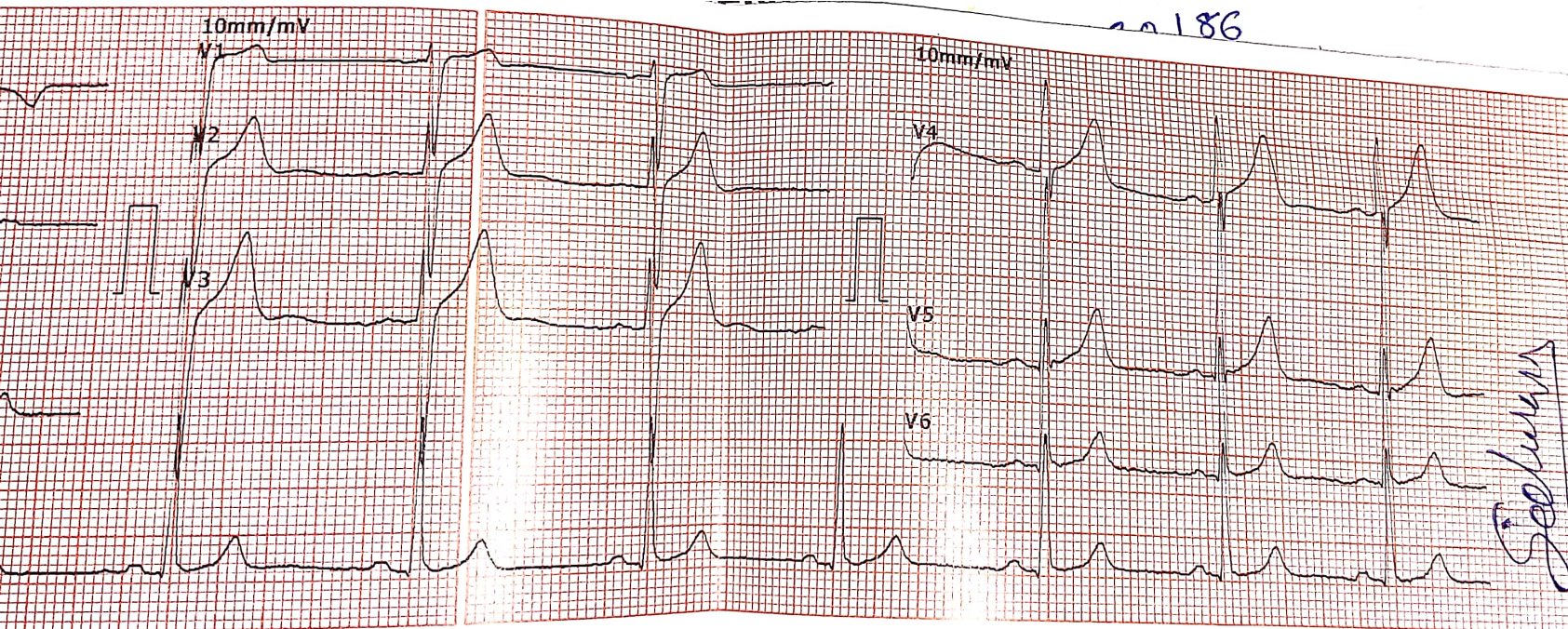
II 10mm/mV

25mm/s

AC:ON 0.05-35Hz



20186



2024-4-13 9:58:06 ID: 00003948

ID Card:   
 Name: *Kanukhidi*   
 Age: *47* Gender: *male*   
 Weight (kg): *70*   
**DR. C. P. DADHANIA**   
 M.B. Diabetologist   
 HR: *64* Ind. Physician (CMT)   
 P-R: *133*   
 Q-R-S: *116*   
 QT: *380*   
 P/QRS/T: *116/133/116*   
 RVS/SV1: *2.20/0.94*   
 RVS+SV1: *3.14*

*Good*

\*The result must be confirmed by doctor!  
 Report Confirmed by: \_\_\_\_\_

Pat.s' Name: SOLANKI HARSUKHLAL

DATE: 13 April 2024

### U.S.G. OF ABDOMEN AND PELVIS

- **LIVER:** is normal size and shows normal parenchymal echotexture. No focal lesion noted. Intrahepatic billiary radicals appear normal. C.B.D and portal vein appears normal in calibre.
- **GALL BLADDER:** Well distended and appears normal. No evidence of gallstone or changes of cholecystitis.
- **PANCREAS:** appears normal in size, shape, echogenicity and echotexture. No focal lesion noted. No e/o peripancreatic fluid collection.
- **SPLEEN:** normal in size, shape, echogenicity and echotexture. No focal lesion noted.
- **BOTH KIDNEYS:** are normal in size and echotexture. Cortical echogenicity appears normal. Cortico medullary differentiation is preserved. No e/o calculi or hydronephrosis on either side.
- **URINARY BLADDER:** Well distended. No evidence of calculus, wall thickening, diverticula or mass lesion.
- **PROSTATE:** is normal in size, shape and echogenicity. No focal lesion.
- Visualised bowel loops show no evident abnormality. No e/o lymphadenopathy. RIF/ LIF CLEAR. Bilateral C-P angels clear.

### CONCLUSION:

- No significant abnormality seen in present study.
- Bilateral inguinal region is normal.

Thanks for reference.

  
DR PRATIK KAGATHARA  
MD

Krishna Arcade, 150 Feet Ring Road, Opp. Om Nagar (BRTS), Rajkot. Mo. 72838 42020

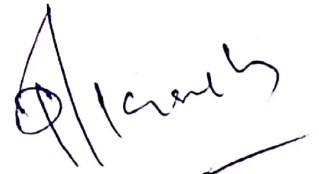
Pt.'s Name: SOLANKI HARSUKHLAL

Date: 13 April, 2024

**Radiograph of chest (PA view)**

- *Both the lung fields are clear.*
- *No e/o consolidation, cavitations or collapse.*
- *Both the hila appears normal*
- *Both costophrenic angles appear clear.*
- *Both domes of diaphragm appear normal.*
- *Cardiac size is within normal limit.*
- *Bones underview reveals no evident abnormality.*

Thanks for reference.



**DR PRATIK KAGATHARA**  
MD

Krishna Arcade, 150 Feet Ring Road, Opp. Om Nagar (BRTS), Rajkot. Mo. 72838 42020

**32 SLICE CT SCAN | 3D-4D SONOGRAPHY | COLOUR DOPPLER | X-RAY & PROCEDURE INTERVENTIONS**



**ECHOCARDIOGRAPHY & COLOR DOPPLER**

Patient Name : Solanki Harsukhlal  
Ref.By : Dr Dadhaniya Sir  
Age/Sex : 47/M  
Date : 13/4/24

**SUMMARY OF 2D ECHO**

LA, LV size Normal  
Concentric LVH (IVSd - 1.26cm, LVIDd-4.1cm, LVPWd-1.14cm, IVSs-1.72cm,  
LVIDs-2.78cm, LVPWs-1.49cm)  
No RWMA at rest  
Overall LVEF -60 %.

RA , RV size and function Normal  
All valves appear Normal in structure

No E/O Vegetation / clot /Pericardial effusion  
IAS / IVS intact  
No shunt across great vessels  
IVC Size Normal 14 mm and collapsing > 50% on deep inspiration

**Colour Doppler**

Mitral Valve: E/A ratio 1.2 , TDI s/o E\*>A\*  
No MR

Tricuspid Valve: Trivial TR , CW TR jet 30 mmHg  
Estimated PASP 35 mm Hg

Aortic Valve: No AR  
No significant LVOT gradient - AV PG Max 8 mm Hg

Pulmonary Valve : No PR , PV Max PG 8mm Hg

**FINAL IMPRESSION**

Good LV systolic function at rest  
Concentric LVH

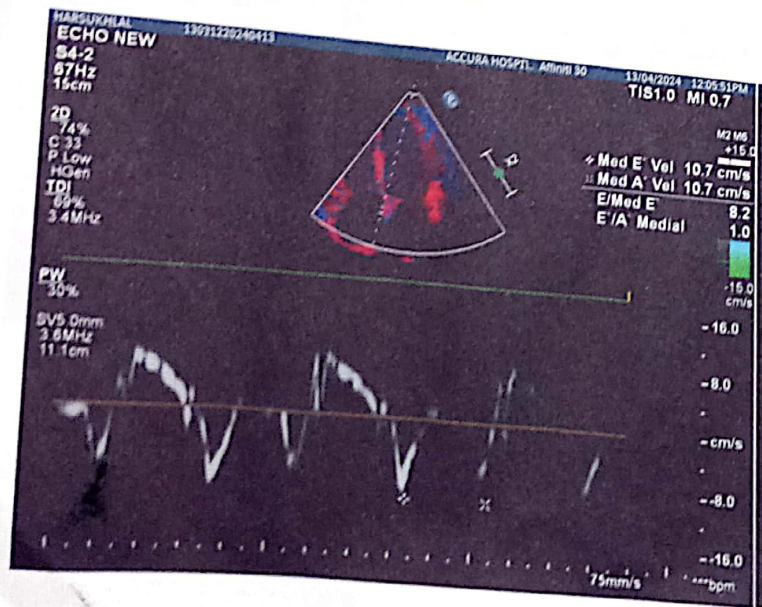
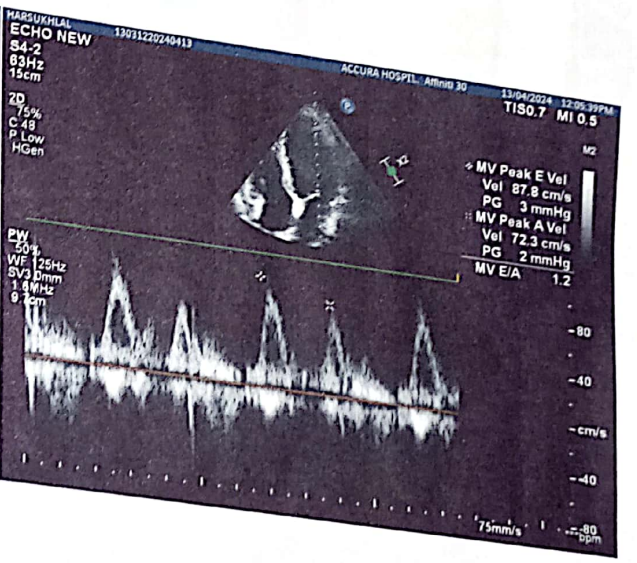
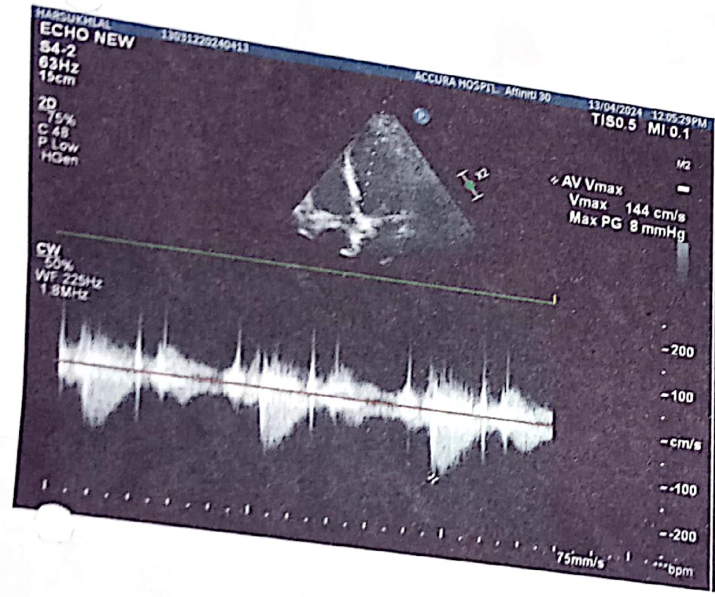
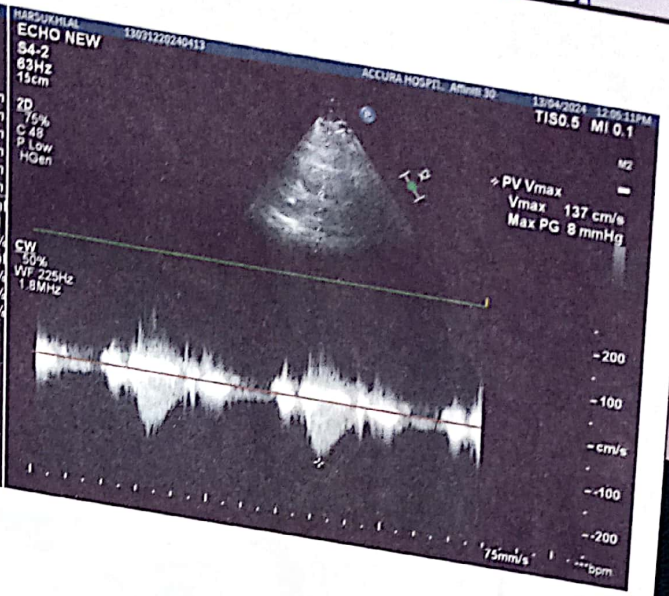
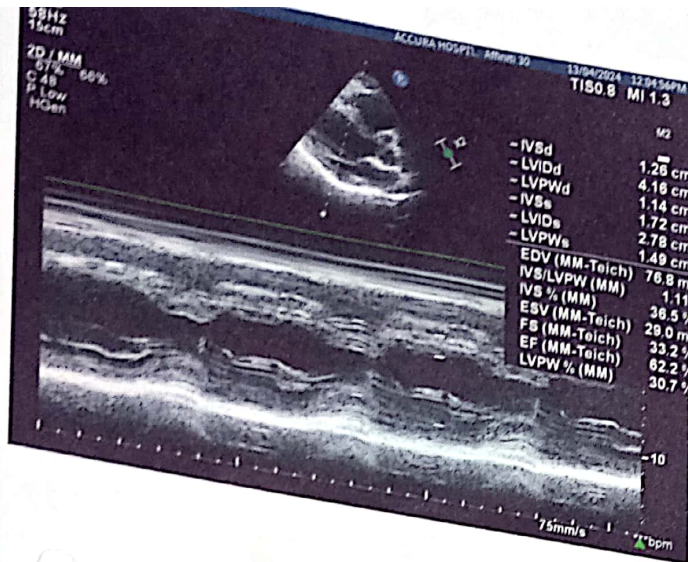
  
Dr V H Maniyar

M.D., FNIC (Lilavati Hospital , Mumbai)

For Appointment

**7 60 60 60 577**

First Floor, Nilkanth Plaza, J. K. Park, Bapa Sitaram Chowk, Mavdi Main Road, RAJKOT- 360004.





आयकर विभागा  
INCOME TAX DEPARTMENT



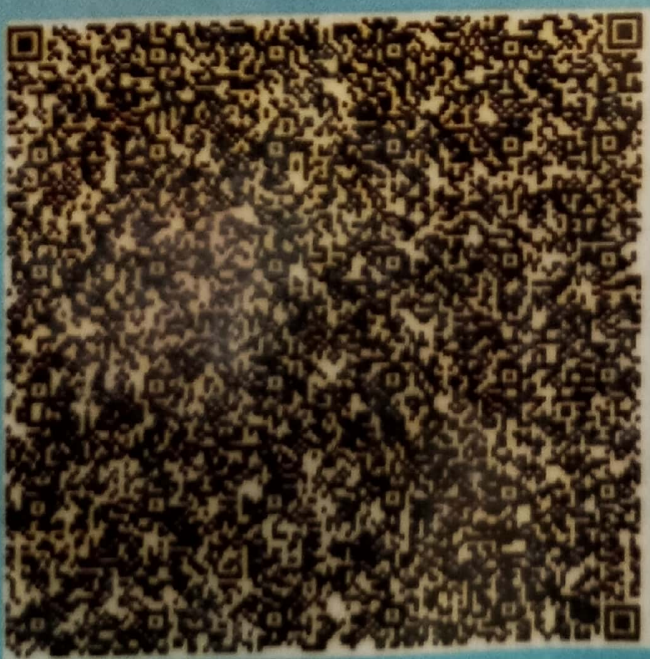
भारत सरकार  
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड

Permanent Account Number Card

ACVPL2677D



नाम / Name

SOLANKI HARSUKHLAL JIVRAJ

पिता का नाम / Father's Name

JIVRAJ SOLANKI

जन्म की तारीख /  
Date of Birth

18/12/1978

*Solvsihi*

हस्ताक्षर / Signature



 **GPS Map**  
**Camera Lite**

7Q7M+XJH Labhdeep Society, 150 Feet Ring Rd, near  
Movdi Chowkdi, Mavdi Chowkdi, Gandhigram, Rajkot,  
Gujarat 360004, India

Latitude

22.2648253°

Longitude

70.784205°

Local 10:05:25 AM

GMT 04:35:25 AM

Altitude 143 meters

Saturday, 13.04.2024



Scanned with OKEN Scanner


**TEST REPORT**

<b>Name</b> : Solanki Harsukhlal	<b>Reg. No</b> : 404100646
<b>Age/Sex</b> : 47 Years / Male	<b>Reg. Date</b> : 13-Apr-2024 04:54 PM
<b>Ref. By</b> : Dr. PANCHMUKHI HOSPITAL / INSURANCE	<b>Collected On</b> : 13-Apr-2024 04:54 PM
<b>Client Name</b> : PANCHMUKHI HOSPITAL	<b>Report Date</b> : 13-Apr-2024 06:14 PM

**COMPLETE BLOOD COUNT (CBC)**  
 Specimen: EDTA blood

Parameter	Result	Unit	Biological Ref. Interval
<b>RBC Parameters</b>			
Hemoglobin (SLS method)	16.1	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	<b>44.70</b>	%	47 - 52
RBC Count (Electrical Impedance)	5.72	million/cmm	4.7 - 6.0
MCV (Calculated)	78.1	fL	78 - 110
MCH (Calculated)	28.1	Pg	27 - 31
MCHC (Calculated)	<b>36.0</b>	%	30 - 35
RDW (Calculated)	13.8	%	11.5 - 14.0
<b>WBC Parameters</b>			
WBC Count (Flowcytometry)	4920	/cmm	4000 - 10500
<b>DIFFERENTIAL WBC COUNT</b>			
Neutrophils (%)	62 %	% Range 42.0 - 75.2	Abs. Value 3050 /cmm Abs. Range 1800 - 7700
Lymphocytes (%)	28 %	20 - 45	1378 /cmm 1000 - 3900
Eosinophils (%)	04 %	1 - 4	197 /cmm 0 - 450
Monocytes (%)	06 %	2 - 8	295 /cmm 200 - 1000
Basophils (%)	00 %	0 - 1	<b>0</b> /cmm 20 - 100
<b>Platelete Parameter</b>			
Platelet Count	284000	/cmm	150000 - 450000
MPV	9.6	fL	7.4 - 10.4
P-LCR	22.20	%	11.9 - 66.9
PDW	10.0	%	8.3 - 56.6
PCT (Platelet Haematocrit)	<b>0.18</b>	%	0.2 - 0.5

*towards the healthiness...*

**Dr. Viral Jethava**

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**Dr. Viral R. Jethava**

M.D. (Path, PDCC)





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**BLOOD GROUP & RH**

Specimen: EDTA and Serum; Method: Haemagglutination

Parameter	Result	Unit	Biological Ref. Interval
ABO	"B"		
Rh (D)	Positive		

The Blood Group is done from received sample. Kindly ask for Blood Group Card. In case of any query, please contact Laboratory.

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Test	Result	Unit	Biological Ref. Interval
<b>Erythrocyte sedimentation rate</b>			
<b>Sample, EDTA whole blood</b>			
ESR (After 1 hour)	05	mm/hr	1 - 7

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**FASTING PLASMA GLUCOSE**  
 Specimen: Flouride plasma

Parameter	Result	Unit	Biological Ref. Interval
Fasting Blood Sugar (FBS) <i>HEXOKINASE</i>	83.60	mg/dL	<100 :Non-Diabetic 100-125 :Impaired Fasting Glucose (IFG) ≥126 :Diabetic
Urine Glucose -F <i>Glucose Oxidase-Peroxidase</i>	Nil		
Urine Acetone -F	Nil		

**Criteria for the diagnosis of diabetes :**

- HbA1c  $\geq 6.5$  \*Or
- Fasting plasma glucose  $>126$  gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.Or
- Two-hour plasma glucose  $\geq 200$ mg/dL during an oral glucose tolerance test by using a glucose load containing the equivalent of 75 gm anhydrous glucose dissolved in water.Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose  $\geq 200$  mg/dL.

\*In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing.  
 American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34; S11.

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**POST PRANDIAL PLASMA GLUCOSE**

Specimen: Flouride plasma

Parameter	Result	Unit	Biological Ref. Interval
Post Prandial Blood Sugar (PPBS) <i>HEXOKINASE</i>	129.30	mg/dL	70 - 140
Urine Glucose- PP <i>Glucose Oxidase-Peroxidase</i>	Nil		
Urine Acetone- PP	Nil		

**Criteria for the diagnosis of diabetes :**

- HbA1c  $\geq$  6.5 %Or
- Fasting plasma glucose  $>$ 126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.Or
- Two-hour plasma glucose  $\geq$  200mg/dL during an oral glucose tolerance test by using a glucose load containing the equivalent of 75 gm anhydrous glucose dissolved in water.Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose  $\geq$  200 mg/dL.

\*In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing.

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**LIPID PROFILE**  
 Specimen: Serum

Parameter	Result	Unit	Biological Ref. Interval
Cholesterol <i>Cholesterol Oxidase</i>	163.02	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>Enzymatic Reaction With Glycerol Kinase</i>	123.3	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
HDL Cholesterol <i>Siemens AHDL</i>	42.60	mg/dL	High Risk : < 40 Low Risk : $\geq$ 60
LDL Cholesterol <i>Siemens ALDL</i>	78.23	mg/dL	Optimal : < 100 Near Optimal/above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : $\geq$ 190
VLDL Cholesterol <i>Calculated</i>	24.66	mg/dL	15 - 35
LDL / HDL RATIO <i>Calculated</i>	1.84		0 - 3.5
Cholesterol /HDL Ratio <i>Calculated</i>	3.83		0 - 5.0

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**RENAL FUNCTION TEST**

Specimen: Serum

Parameter	Result	Unit	Biological Ref. Interval
<b>Creatinine</b> <small>ALKALINE PICRATE, COLORIMETRIC KINETIC</small>	0.97	mg/dL	0.7 - 1.3
<b>eGFR</b>	<b>73.55</b>	ml/min/1.73 sq m	Normal or High: $\geq 90$ Mild decrease: 60-89 Mild moderate decrease: 45-59 Moderate to severe decrease: 30-44 Severe decrease: 15-29 Kidney failure: $< 15$
<b>Urea</b> <small>Calculated</small>	23.0	mg/dL	17 - 43
<b>Blood Urea Nitrogen (BUN)</b> <small>UREASE/GLDH</small>	10.74	mg/dL	7.0 - 18.0
<b>Uric Acid</b> <small>Uricase</small>	4.23	mg/dL	3.5 - 7.2
<b>Sodium</b> <small>Direct ion selective electrode</small>	142.2	mmol/L	137 - 145
<b>Potassium</b> <small>Direct ion selective electrode</small>	4.32	mmol/L	3.5 - 5.1
<b>Chloride</b> <small>Direct ion selective electrode</small>	102.5	mmol/L	98 - 107
<b>Calcium</b> <small>Cresolphthalein Complexone</small>	<b>8.26</b>	mg/dL	8.5 - 10.1

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**HEMOGLOBIN A1 C (HBA1C)**

Specimen: Blood EDTA

Parameter	Result	Unit	Biological Ref. Interval
HbA1C <i>Siemens Dimension</i>	5.23	%	Non-Diabetic : Normal : < 5.7 % Pre-Diabetes : 5.7 % - 6.4 % Diabetes : >6.4 %  Diabetic : Poor Control : > 7.0 % Good Control : 6.0 % - 7.0 %
Mean Blood Glucose <i>Calculated</i>	103.40	mg/dL	Please correlate with clinical condition 90-115: Normal 115-133: Pre-Diabetic 134-150: Good Control 151-180: Average Control 181-210: Action Suggested >211: Panic Value

**Explanation :** Total hemoglobin A1 c is continuously synthesized in the red blood cell through its 120 days life span. The concentration of HBA1c in the cell reflects the average blood glucose concentration it encounters. The level of HBA1c increases proportionately in patients with uncontrolled diabetes. It reflects the average blood glucose concentration over an extended time period and remains unaffected by short-term fluctuations in blood glucose levels. The measurement of HbA1c can serve as a convenient test for evaluating the adequacy of diabetic control and in preventing various diabetic complications. Because the average half-life of a red blood cell is sixty days, HbA1c has been accepted as a measurement which reflects the mean daily blood glucose concentration, better than fasting blood glucose determination, and the degree of carbohydrate imbalance over the preceding two months. It may also provide a better index of control of the diabetic patient without resorting to glucose loading procedures

**HbA1c assay Interferences :** Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.


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*towards the healthiness...*


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**THYROID FUNCTION TEST**

Parameter	Result	Unit	Biological Ref. Interval
<b>Thyroid Stimulating Hormone (TSH)</b> <small>CLIA</small>	2.56	μIU/ml	0.35 - 5.50

**Remarks:**

- Thyroid-stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulates the thyroid gland to synthesize and secrete T3 and T4.
- Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism.
- In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

**TSH levels During Pregnancy :**

- First Trimester : 0.1 to 2.5 μIU/mL
- Second Trimester : 0.2 to 3.0 μIU/mL
- Third trimester : 0.3 to 3.0 μIU/mL
- Reference: Carl A. Burtis, Edward R. Ashwood, David E. Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders, 2012:2170

<b>Triiodothyronine (T3)</b> <small>CLIA</small>	1.06	ng/mL	0.6 - 1.81
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**Clinical Significance:**

- Triiodothyronine (T3) is a hormone synthesized and secreted by the thyroid gland in response to the pituitary hormone TSH and is regulated by a negative feedback mechanism involving the thyroid gland, pituitary gland, and hypothalamus.
- In the circulation, 99.7% of T3 is reversibly bound to transport proteins, primarily thyroxine-binding globulin (TBG) and to a lesser extent albumin and prealbumin. The remaining unbound T3 is free in the circulation and is metabolically active.
- In hypothyroidism and hyperthyroidism, FT3 levels parallel changes in total T3 levels. Measuring FT3 is useful in certain conditions such as normal pregnancy and steroid therapy, when altered levels of total T3 occur due to changes in T3 binding proteins, especially TBG.


**Dr. Viral Jethava**

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**Dr. Viral R. Jethava**

M.D. (Path, PDCC)

*towards the healthiness...*


**TEST REPORT**

<b>Name</b> : Solanki Harsukhlal	<b>Reg. No</b> : 404100646
<b>Age/Sex</b> : 47 Years / Male	<b>Reg. Date</b> : 13-Apr-2024 04:54 PM
<b>Ref. By</b> : Dr. PANCHMUKHI HOSPITAL / INSURANCE	<b>Collected On</b> : 13-Apr-2024 04:54 PM
<b>Client Name</b> : PANCHMUKHI HOSPITAL	<b>Report Date</b> : 13-Apr-2024 06:14 PM

**Thyroxine (T4)** 5.15 µg/dL 4.5 - 12.6  
CLIA

**Clinical Significance :**

- Thyroxin (T4) is a hormone synthesized and secreted by the thyroid gland in response to the pituitary hormone TSH and is regulated by a negative feedback mechanism involving the thyroid gland, pituitary gland, and hypothalamus. In the circulation, 99.95% of T4 is reversibly bound to transport proteins, primarily thyroxine-binding globulin (TBG) and to a lesser extent albumin and thyroxine-binding prealbumin. The remaining unbound T4 is free in the circulation and is both metabolically active and a precursor to T3.
- In hypothyroidism and hyperthyroidism, FT4 levels parallel changes in total T4 levels. Measuring FT4 is useful in certain conditions such as normal pregnancy and steroid therapy, when altered levels of total T4 occur due to changes in T4 binding proteins, especially TBG.

**Limitations:**

- The anticonvulsant drug phenytoin may interfere with total and FT4 levels due to competition for TBG binding sites.
- FT4 values may be decreased in patients taking carbamazepine.
- Thyroid autoantibodies in human serum may interfere and cause falsely elevated FT4 results.

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**PROSTATE SPECIFIC ANTIGEN (PSA) TOTAL**

Specimen : Serum

Parameter	Result	Unit	Biological Ref. Interval
<b>Prostate Specific Antigen (PSA) Total</b> <small>CLIA</small>	1.20	ng/mL	0.27 - 2.19

**Clinical Significance :**

- False low / high results may be observed in patients receiving mouse monoclonal antibodies for diagnosis/therapy or due to interference by heterophilic antibodies & nonspecific protein binding or on high dose Biotin therapy.
- Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels. Elevated levels of PSA can also be seen in Benign Prostatic disease, Prostatitis and/or Urinary tract infection.
- PSA values regardless of levels should not be interpreted as absolute evidence of the presence or absence of disease. All values should be correlated with clinical findings and results of other investigations.
- Physiological decrease in PSA level by 18% has been observed in hospitalized / sedentary patients either due to supine position or suspended sexual activity.
- Prostate Health Index , OncoPro Prostate Screen are other recommended assay for PSA levels between 4-10 ng/mL (gray zone). It helps physicians to decide if biopsy is necessary.
- DRE not suspicious and PSA total of < 3.6 ng/ml : probability of positive biopsy result is 27.2%.
- DRE suspicious and PSA total of < 3.6 ng/ml : probability of positive biopsy result is 52.9%.

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**URINE ROUTINE EXAMINATION**

Parameter	Result	Unit	Biological Ref. Interval
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**PHYSICAL EXAMINATION**

Quantity	20 cc		
Colour	Pale Yellow		
Clarity	Clear		

**CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)**

pH	6.5		4.6 - 8.0
Sp. Gravity	1.010		1.001 - 1.035
Protein	Nil		
Glucose	Nil		
Ketone Bodies	Nil		
Urobilinogen	Normal Present		
Bile salts:	Absent		Absent
Bile Pigments:	Absent		Absent
Nitrite	Nil		

**MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)**

Leucocytes (Pus Cells)	Occasional/hpf
Erythrocytes (Red Cells)	Absent
Epithelial Cells	3 - 4/hpf
Amorphous Material	Absent
Casts	Absent
Crystals	Absent
Bacteria	Absent

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**LIVER FUNCTION TEST**

Specimen : Serum

Parameter	Result	Unit	Biological Ref. Interval
Total Protein <i>BIURET</i>	6.87	g/dL	6.4 - 8.2
Albumin <i>Dye Binding - Bromocresol Purple (BCP)</i>	4.10	g/dL	3.40 - 5.00
Globulin <i>Calculated</i>	2.77	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.48		0.8 - 3.1
SGOT (AST) <i>Siemens/37C</i>	25.02	U/L	15 - 37
SGPT (ALT) <i>Siemens/37C</i>	22.01	U/L	16 - 63
Alakaline Phosphatase <i>Siemens/37C</i>	50.06	U/L	46 - 116
Total Bilirubin <i>Diazo-Caffeine/Benzoate Coupling (Jendrassik-Grof) w/blank</i>	0.29	mg/dL	0.2 - 1
Conjugated Bilirubin <i>Diazo-Caffeine/Benzoate Coupling (Jendrassik-Grof) w/blank</i>	0.12	mg/dL	0 - 0.20
Unconjugated Bilirubin <i>Sulph acid dpl/caif-benz</i>	0.17	mg/dL	0.0 - 1.1

----- End Of Report -----

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