



Diagnostics & Speciality Centre

NAME:Mr. G RAMANAND AAGE/SEX:59 Yrs / MaleREFERRED BY:		MR NO. : VISIT NO. : DATE OF COLLECTION : DATE OF REPORT :	21070963 137153 14-07-2021 at 08:32 AM 14-07-2021 at 03:04 PM
TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
COMPLETE BLOOD COUNT (CBC) WITH I	<u>ESR</u>		
HAEMOGLOBIN Colorimetric Method	15.9 gm/dL	13 - 18 gm/dL	
HEMATOCRIT (PCV) Calculated	46.7 %	40 - 54 %	
RED BLOOD CELL (RBC) COUNT	5.0 million/cu.mm	4.5 - 5.9 million/cu.mm	
PLATELET COUNT Electrical Impedance	2.0 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm	
MEAN CELL VOLUME (MCV) Calculated	92.9 fl	80 - 100 fl	
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	31.7 pg	26 - 34 pg	
MEAN CORPUSCULAR HEMOGLOBIN	34.1 %	31 - 35 %	
CONCENTRATION (MCHC) Calculated			
TOTAL WBC COUNT (TC) Electrical Impedance	5400 cells/cumm	4000 - 11000 cells/cumm	
DIFFERENTIAL COUNT			
NEUTROPHILS VCS Technology/Microscopic	48 %	40 - 75 %	
LYMPHOCYTES VCS Technology/Microscopic	42 %	25 - 40 %	
EOSINOPHILS VCS Technology/Microscopic	04 %	0 - 7 %	
MONOCYTES VCS Technology/Microscopic	06 %	1 - 8 %	
BASOPHILS Electrical Impedance	00 %		
ESR Westergren Method	16 mm/hr	0 - 15 mm/hr	

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Dr. KRISHNA MURTHY

MD BIOCHEMIST



Lab Seal

Dr. VAMSEEDHAR.A D.C.P, M.D CONSULTANT PATHOLOGIST

The laboratory values And Normal values need to be interpreted based on patients clinical characteristics. The values in reference range is for an average normal individual which may vary depending upon age, sex and other characteristics.

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
THYROID PROFILE			
TOTAL TRIIODOTHYRONINE (T3)	1.02 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4)	7.47 μg/dL	6.09 - 12.23 μg/dL	
THYROID STIMULATING HORMONE (TSH)	3.926 μIU/mL	0.38 - 5.33 µIU/mL 1st Trimester: 0.05 - 3.70 2nd Trimester: 0.31 – 4.35 3rd Trimester: 0.41 – 5.18	

Note:

- TSH levels are subject to circadian variation, reaching peak levels between 2 4.a.m. and at a minimum between 6-10 pm. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

Clinical Use:

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
PROSTATIC SPECIFIC ANTIGEN (PSA)			
PROSTATIC SPECIFIC ANTIGEN (PSA)	1.38 ng/mL	Up to 4ng/mL: Normal 4-10 ng/mL Hypertrophy & benign genito urinary conditions. >10 ng/mL Suspicious of malignancy.	k

PSA is used for monitoring patients with a history of prostate cancer and as an early indicator of recurrence and response to treatment. The test is commonly used for Prostate cancer screening.

BLOOD UREA UREASE-GLUTAMATE DEHYDROGENASE (GLDH)	17.9 mg/dL	15 - 50 mg/dL
CREATININE Jaffe Kinetic	0.80 mg/dL	0.4 - 1.4 mg/dL
URIC ACID Uricase-Peroxidase	4.6 mg/dL	3 - 7.2 mg/dL
SERUM ELECTROLYTES		
SODIUM Ion Selective Electrode (ISE)	137 mmol/L	136 - 145 mmol/L
POTASSIUM Ion Selective Electrode (ISE)	4.1 mmol/L	3.5 - 5.2 mmol/L
CHLORIDE Ion Selective Electrode (ISE)	101 mmol/L	97 - 111 mmol/L

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
LIVER FUNCTION TEST (LFT)			
TOTAL BILIRUBIN Colorimetric Diazo Method	0.59 mg/dL	0.2 - 1.2 mg/dL	
DIRECT BILIRUBIN Colorimetric Diazo Method	0.26 mg/dL	0 - 0.4 mg/dL	
INDIRECT BILIRUBIN	0.33 mg/dl		
S G O T (AST) IFCC Without Pyridoxal Phosphates	26.3 U/L	up to 35 U/L	
S G P T (ALT) IFCC Without Pyridoxal Phosphates	23.0 U/L	up to 50 U/L	
ALKALINE PHOSPHATASE p-Nitrophenyl Phosphate	48 U/L	36 - 113 U/L	
SERUM GAMMA GLUTAMYLTRANSFERASE (G	GT) 32.6 U/L	15 - 85 U/L	
TOTAL PROTEIN Biuret Colorimetric	5.46 g/dl	6.2 - 8 g/dl	
S.ALBUMIN Bromocresol Green (BCG)	4.15 g/dl	3.5 - 5.2 g/dl	
S.GLOBULIN Calculation	1.3 g/dl	2.5 - 3.8 g/dl	
A/G RATIO Calculation	3.2	1 - 1.5	

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TEST PARAMETER	RESULT	REFERENCE RANGE SPECIMEN
LIPID PROFILE TEST		
TOTAL CHOLESTEROL Cholesterol Oxidase-Peroxidase (CHOD-POD)	199 mg/dL	up to 200 mg/dL Border Line: 200 – 240 mg/dL High: > 240 mg/dL
TRIGLYCERIDES Glycerol Peroxidase-Peroxidase (GPO-POD)	115.3 mg/dL	up to 150 mg/dL Desirable: <150 mg/dL Border Line: 150 – 200 mg/dL High: >200 – 500 mg/dL Very High: > 500 mg/dL
HDL CHOLESTEROL - DIRECT PEG-Cholesterol Esterase	44.2 mg/dl	40 - 60 mg/dl >/= 60mg/dL - Excellent (protects against heart disease) 40-59 mg/dL - Higher the better <40 mg/dL - Lower than desired (major risk for heart disease)
LDL CHOLESTEROL - DIRECT Cholesterol Esterase-Cholesterol Oxidase	131.7 mg/dL	up to 100 mg/dL 100-129 mg/dL- Near optimal/above optimal 130-159 mg/dL- Borderline High 160-189 mg/dL- High 190->190 mg/dL - Very High
VLDL CHOLESTEROL Calculation	23.1 mg/dL	2 - 30 mg/dL
Collecter. u.	Bacinity Classific of the second	A. Hurredhay
Dr. KRISHNA MURTHY	Lab Seal	Dr. VAMSEEDHAR.A
		D.C.P, M.D CONSULTANT PATHOLOGIS cal characteristics. The values in reference range is for an average norma e, sex and other characteristics.
	Page 5 of 9	-,
No. 79 Kendra Upadvavara Sapa		avi Circle, Nagarbhavi, Bengaluru - 560 072.

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
TOTAL CHOLESTROL/HDL RATIO	4.5	up to 3.5 3.5-5.0 - Moderate >5.0 - High	
LDL/HDL RATIO Calculation	3.0	up to 2.5 2.5-3.3 - Moderate >3.3 - High	
CREATININE Jaffe Method	0.80 mg/dL	0.8 - 1.4 mg/dL	
POST PRANDIAL BLOOD SUGAR Hexokinase	123.7 mg/dl	80 - 150 mg/dl	
FASTING BLOOD SUGAR Hexokinase	102.3 mg/dl	70 - 110 mg/dl	
BLOOD GROUP & Rh TYPING Tube Agglutination (Forward and Reverse)	"A" Positive		

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TEST PARAMETER	RESULT	REFERENCE RANGE SPECIMEN
GLYCATED HAEMOGLOBIN (HbA1C)	5.3 %	American Diabetic Association (ADA) recommendations:
		Non diabetic adults : <5.7 %
		At risk (Pre diabetic): 5.7 – 6.4%
		Diabetic : >/= 6.5%
		Therapeutic goal for glycemic control :
		Goal for therapy: < 7.0%
		Action suggested: > 8.0%

ESTIMATED AVERAGE GLUCOSE (eAG) Calculation

This assay is useful for diagnosing Diabetes and evaluating long term control of blood glucose concentrations in diabetic patients. It reflects the mean glucose concentration over the previous period of 8 to 12 weeks and is a better indicator of long term glycemic control as compared with blood and urine glucose measurements. This provides a additional criterion for assessing glucose control because glycated hemoglobin values are free of day-to-day glucose fluctuation and are unaffected by exercise or food ingestion.

105.41 mg/dL

After a sudden alteration in blood glucose concentration, the rate of change of HbA1c is rapid during initial 2 months, followed by more gradual change approaching steady state 3 months later.

URINE ROUTINE & MICROSCOPIC PHYSICAL EXAMINATION

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			DATE OF REPORT : 14-07-2021 at 03:04 PN
	R	RESULT	REFERENCE RANGE SPECIMEN
Colour Visual Method		Pale Yellow	Pale yellow- yellow
Appearance Visual Method		Clear	Clear/Transparent
Specific Gravity Strips Method		1.015	1.005-1.035
рН		7.0	4.6-8.5
CHEMICAL EXA	MINATION (DIPSTICK)		
Protein Strips Method		Nil	Nil -Trace
Glucose Strips Method		Nil	Nil
Blood Strips Method		Negative	Negative
Ketone Bodies Strips Method		Absent	Negative
Urobilinogen Strips Method		Normal	Normal
Bile Salt Strips Method		Negative	Negative
Bilirubin Strips Method		Negative	Negative
Bile Pigments		Negative	NIL
MICROSCOPY			
Pus Cells (WBC)		2 - 3 /hpf	0-5/hpf
Epithelial Cells		3 - 4 /hpf	0-4/hpf
RBC Light Microscopic		Not Seen /hpf	0-2/hpf
Cast Light Microscopic		NIL	NIL

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REFERRED BY :		DATE OF COLLECTION :	14-07-2021 at 08:32 AM
		DATE OF REPORT	14-07-2021 at 03:04 PM
TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
Crystal Light Microscopic	NIL	Nil	
FASTING URINE SUGAR (FUS)	NIL	NIL	FASTING URINE
POSTPRANDIAL URINE SUGAR	TRACES	NIL	URINE
	**** [nd of]	loo out ****	

Dispatched by: Sumalatha

**** End of Report ****

Printed by: Jasmine on 17-07-2021 at 12:48 PM

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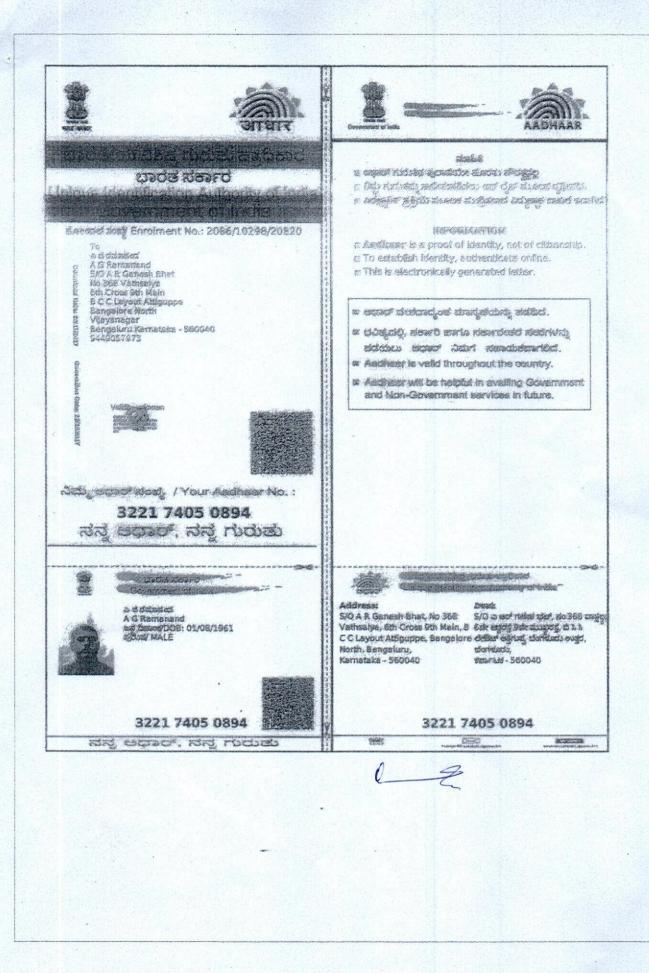


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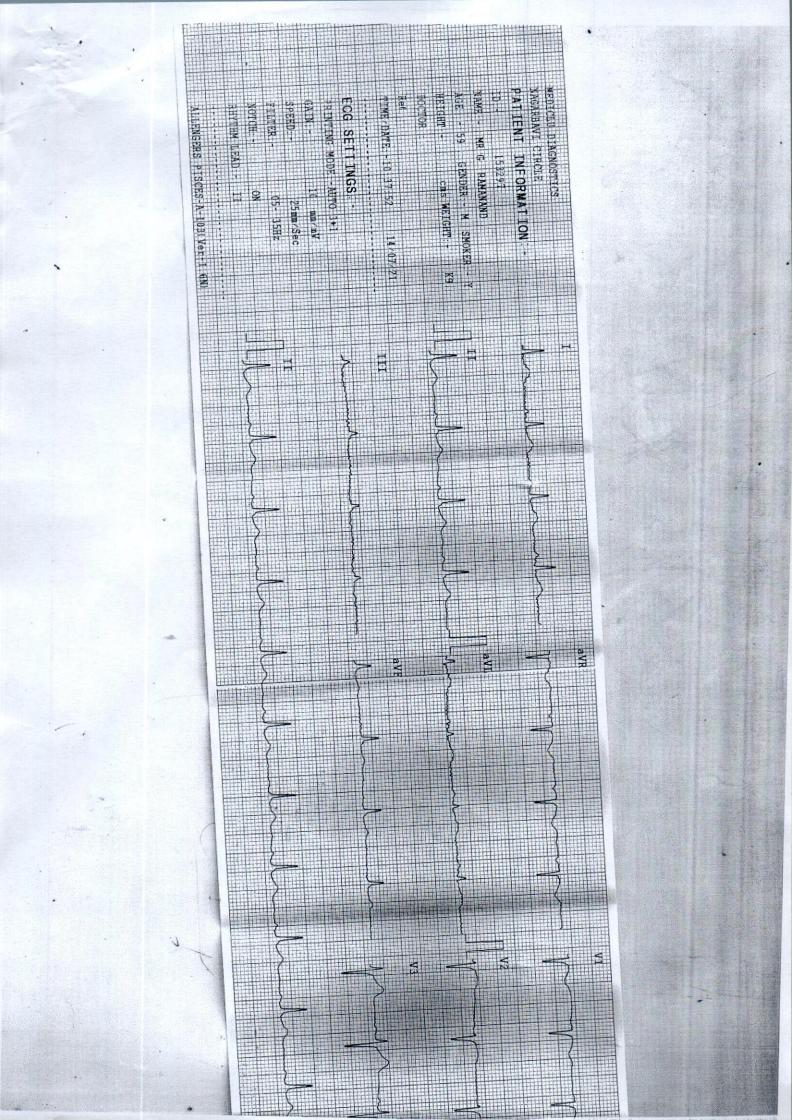
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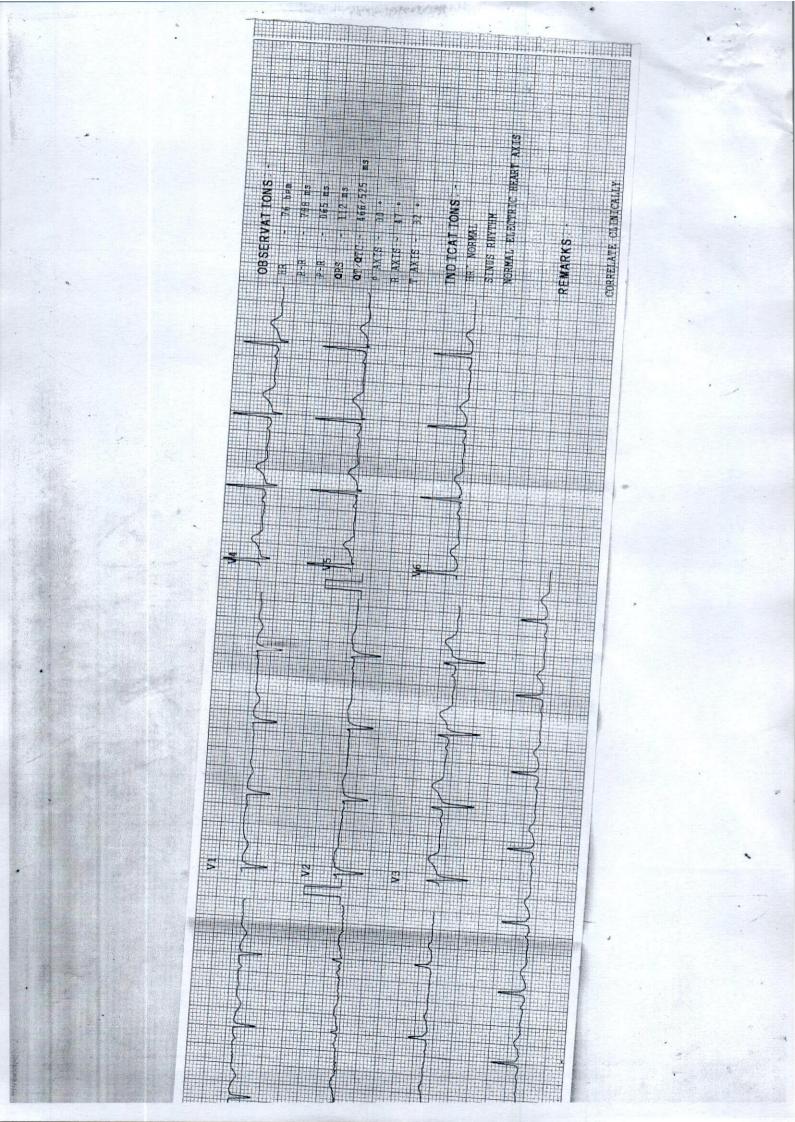
बिंग ऑफ़ बड़ीट्रा सम Name E.C. No. E.C. No. E.C. No. E.C. No. 152773 जारीकर्ती प्राधिकर्ता Issuing Authority बागक के इस्ताक्ष Signature of Holder



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TRANS THORACIC 2D ECHO – DOPPLER STUDY

NAME:	Mr. G. RAMANANDA	DATE:	14-07-2021
AGE:	59 YEARS	ID. NO:	153297
GENDER:	MALE	REFERRED BY:	MEDIWHEEL

		M-1	Mode		
AORTA				26	mm
LEFT ARTIUM				30	mm
RIGHT VENTRICLE(Diast	ole)			18	mm
LVID (Diastole)				38	mm
LVID (Systole)				- 25 10	mm
INTERVENTRICULAR SEI	PTUM (Dias	tole)	See.		mm
L V POSTERIOR WALL (Diastole)				08	mm
L V MASS				160 30	grms
FRACTIONAL SHORTENI	NG				%
EJECTION FRACTION				60	%
	DO	PPLER /	COLOR	FLOW	
MITRAL VALVE	E- 0.6	A - 0.8	m/sec	NO MR	
AORTIC VALVE	1.6		m/sec	NO AR	
TRICUSPID VALVE	E- 0.4	A - 0.2	m/sec	MILD TR/M 35mmhg)	IILD PAH (PASP -
PULMONARY VALVE	0.8	-	m/sec	NO PR	

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NAME:	Mr. G RAMANANDA	DATE:	14-07-2021
AGE:	59 YEARS	ID. NO:	153297
GENDER:	MALE	REFERRED BY:	MEDIWHEEL

X-RAY CHEST PA VIEW

- The lung fields are clear bilaterally.
- CP angles are clear.
- Both the hila appear normal.
- Cardiac diameter is within normal limits.
- Trachea appears in mid line.
- Visible bony thoracic cage is normal.
- Adjacent soft tissues appears normal.

IMPRESSION:

NORMAL STUDY.

Dr. NAVEEN. MDRD CONSULTANT RADIOLOGIST

Diagnostics & Speciality Centre

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 MR / VISIT NO
 : 21070963 / 137153

 BILLED TIME
 : 137153

 BILL NO.
 : 153297

 DATE OF REPORT
 : 14-07-2021 at 05:43 PM

ULTRASOUND WHOLE ABDOMEN AND PELVIS

LIVER: Liver is normal in size (11.1 cm) and shows diffusely increased echotexture. No focal lesion seen. Intrahepatic biliary radicles not dilated. Hepatic veins are normal. CBD & Portal vein normal.

GALL BLADDER: Normal in distension. Wall thickness is normal. Tiny isoechoic lesion noted measuring 3 mm in the wall of gall bladder. Hyperechoic intraluminal focus noted measuring 5.5 mm in size, without posterior acoustic shadow. No pericholecystic collection.

SPLEEN: Normal in size with normal homogenous echotexture. No focal lesion seen. Splenic vein is normal in caliber.

PANCREAS: Body and head appears normal .No focal lesion seen. Pancreatic duct not dilated. Tail not visualized.

RIGHT KIDNEY: Normal in size measuring 9.8 x 4.5 cm with normal echo pattern. Pelvi-calyceal system is not dilated. Parenchymal thickness measuring 1.6 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

LEFT KIDNEY: Normal in size measuring 9.3 x 4.8 cm with normal echo pattern. Pelvi-calyceal system is not dilated. Parenchymal thickness measuring 1.2 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

URETERS: Both ureters are not dilated.

ILIAC FOSSA: Shows no evidence of any fluid/ mass lesion. Appendix not visualized.

URINARY BLADDER: Normal in distension with normal wall thickness. Lumen echo free.

PROSTATE: Normal in size measuring $3.4 \times 3.1 \times 3.5$ cm (volume 20 cc) with normal echopattern. No focal lesion seen.

No evidence of free fluid in the pelvic or abdominal cavity.

IMPRESSION:

- Fatty changes in liver.
- Gall bladder polyp with echogenic sludge / soft calculus.

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(A Unit of Vijayalakshmi Diagnostics Pvt. Ltd.) Diagnostics & Speciality Centre

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Deve - 14 - 07 - 202 B.P-126/859-68 Height - 162cm weight - 57 Kg 6

Mir. G. Ramonand. A. Age- 5941m.

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Mes. Razanad.



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Diagnostics & Speciality Centre (A Unit of Vijayalakshmi Diagnostics Prt. Ltd.)

Advise: ~ April 2 ath 14/09/202) USG Abdom Conferitive to 14/07/202. Phy vischize Goll Blades for schelge/cald.

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