

LTHCARE SERVI

(A Unit of Zena Enterprises)

Patient Name: MR. PRAVEEN RANJAN

Age / Gender: 37 years / Male

Patient ID: 18600

Referral: MEDI WHEEL

Collection Time: 28/10/2023, 11:13 AM

Reporting Time: 28/10/2023, 04:17 PM

Sample ID:

Test Description

Value(s)

Reference Range

Unit

/hpf /hpf /hpf

Urine(R/M) Routine Examination of Urine

General Examination

Colour	PALE YELLOW	Pale Yellow
Transparency (Appearance)	CLEAR	Clear
Deposit	Absent	Absent
Reaction (pH)	Acidic 6.0	4.5 - 7.0
Specific gravity	1.015	1.005 - 1.030

Urine Protein (Albumin)	Absent	Absent
Urine Glucose (Sugar)	Absent	Absent

Microscopic Examination		
Red blood cells	Absent	0-4
Pus cells (WBCs)	2 - 4 /HPF	0-9
Epithelial cells	1 - 2 /HPF	0-4
Crystals	Absent	Absent
Cast	Absent	Absent
Amorphous deposits	Absent	Absent
Bacteria	Absent	Absent

^{**}END OF REPORT**

Lab technician

Dr.Kundan Kumar Sahoo CONSULTANT PATHOLOGIST / MICROBIOLOGIST



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Sample ID:

N 4 M		21421	
Test Description	Value(s)	Reference Range	Unit
	LFT, Liver Fu	nction Test	
Bilirubin - Total	0.64	0.00 - 1.00	mg/dL
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.15	0.00 - 0.20	mg/dL
Method : Serum, Diazotization	sacdutivets(4)	To the second se	BI WID
Bilirubin - Indirect	0.49	0.10 - 0.80	mg/dL
Method : Serum, Calculated	900403073	१ १८ व्यासम्बद्धाः स्थानस्य स	BI WD
SGOT	13.6	8 - 33	U/L
Method: Serum, UV with P5P, IFCC 37 degree		400 V.5-50	-/-
SGPT	28.2	3 - 35	U/L
Method : Serum, UV with P5P, IFCC 37 degree	Windows		2,2
GGT-Gamma Glutamyl Transpeptidae	6.58	< 55	U/L
Method : Serum, G-glutamyl-carboxy-nitoanilide		ag ta	212
Alkaline Phosphatase	112.3	53-128	U/L
Method : PNPP-AMP Buffer/Kinetic			-y -
Cotal Protein	6.99	6.60 - 8.70	g/dL
Method : Serum, Biuret, reagent blank end point			J
llbumin	3.58	3.50 - 5.30	g/dL
Method : Serum, Bromocresol green			31
Hobulin	3.41	2.00-3.50	g/dL
Method : Serum, EIA	¥1		G/
/G Ratio	1.05	1.2 - 2.2	
Method : Serum, EIA	nematically)	· · · · conscione · · · · · · · · · · · · · · · · · · ·	
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Sample ID:

Test Description	Value(s)	Reference Range	Unit
	Complete Bl	ood Count	
Hemoglobin (Hb)	14.3	13.5 - 18.0	gm/dL
Erythrocyte (RBC) Count	4.84	4.7 - 6.0	mil/cu.mm
Packed Cell Volume (PCV)	42.3	42 - 52	%
Mean Cell Volume (MCV)	87.40	78 - 100	fL
Mean Cell Haemoglobin (MCH)	29.55	27 - 31	pg
Mean Corpuscular Hb Concn. (MCHC)	33.81	32 - 36	g/dL
Red Cell Distribution Width (RDW)	12.6	11.5 - 14.0	%
Total Leucocytes (WBC) Count	9500	4000-10000	cell/cu.mm
Neutrophils	65	40 - 80	%
Lymphocytes	30	20 - 40	%
Monocytes	02	2 - 10	%
Eosinophils	03	1 - 6	%
Basophils	00	1-2	%
Platelet Count	284	150 - 450	10^3/ul
Mean Platelet Volume (MPV)	10.2	7.2 - 11.7	fL
PCT	0.29	0.2 - 0.5	%
PDW	17.1	9.0 - 17.0	%

END OF REPORT

Lab technician

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Regd. No.: 1834

ENA HEALTHCARE SERVICES

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Age / Gender: 37 years / Male

Patient ID: 18600

Referral: MEDI WHEEL

Collection Time: 28/10/2023, 11:13 AM

Reporting Time: 28/10/2023, 04:15 PM

Sample ID:

Test Description	Value(s)	Reference Range	Unit
	Thyroid Profile	(T3, T4, TSH)	
T3-Total	0.95	0.87 - 2.73	ng/dL
Method : CLIA T4-Total	9.36	6.09 - 12.23	ug/dL
Method : CLIA TSH-Ultrasensitive	1.02	0.45 - 4.50	uIU/mL

Method: CLIA

TSH	Т3	T4	Suggested Interpretation for the Thyroid Function Tests Pattern
Raised	Within range	Within range	Raised Within Range Within Range .Isolated High TSHespecially in the range of 4.7 to 15 m1U/m1 is commonly associated with Physiological & Biological TSH Variability. Subclinical Autoimmune Hypothyroidism.Intermittent 14 therapy for hypothyroidism .Recovery phase after Non-Thyroidal illness."
Raised	Decreased	Decreased	Chronic Autoimmune Thyroiditis Post thyroidectomy,Post radioiodine Hypothyroid phase of transient thyroiditis"
Raised or within range	Raised	Raised or within range	Interfering antibodies to thyroid hormones (anti-TPO antibodies)Intermittent 14 therapy or T4 overdose *Drug interference- Amiodarone, Heparin,Beta blockers,steroids, anti-epileptics.
Decreased	Raised or within range	Raised or within range	Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & Range Range associated with Non-Thyroidal illness .Subclinical Hyperthyroidism .Thyroxine ingestion'
Decreased	Decreased	Decreased	Central Hypothyroidism .Non-Thyroidal illness .Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	Primary Hyperthyroidism (Graves' disease). Multinodular goitre, Toxic nodule *Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased Within Rang	Raised	Within range	T3 toxicosis •Non-Thyroidal illness
Within range	Decreased	Within range	Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness In elderly the drop in 13 level can be upto 25%.

END OF REPORT

Lab technician

Dr.Kundan Kumar Sahoo CONSULTANT PATHOLOGIST / MICROBIOLOGIST

For Home Collection Please Call at Number:

Zena Healthcare Services
Plot No. 119, Opp. Water tank Lane, Near Police Phandi, Saheed Nagar, Bhubaneswar-07 Ph.: 0674-2549902, 9692276908, 8337964922, E-mail: zenahealthcare@gmail.com Website: www.zenacare.in



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ZENA HEALTHCARE SERVICES

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Sample ID:

Test Description	Value(s)	Reference Range	Unit
	Lipid P	rofile	
Cholesterol-Total Method: Spectrophotometry	175.2	Desirable level < 200 Borderline High 200-239 High >or = 240	mg/dL
Triglycerides Method: Serum, Enzymatic, endpoint	89.3	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
HDL Cholesterol Method : Serum, Direct measure-PEG	41.3	Normal: > 40 Major Risk for Heart: < 40	mg/dL
LDL Cholesterol Method : Enzymatic selective protection	116.04	Optimal < 100 Near / Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High >or = 190	mg/dL
VLDL Cholesterol Method: Serum, Enzymatic	17.86	6 - 38	mg/dL
CHOL/HDL Ratio Method: Serum, Enzymatic	4.24	3.5 - 5.0	
LDL/HDL Ratio Method: Serum, Enzymatic Note:	2.81	2.5 - 3.5	
8-10 hours fasting sample is required.			

END OF REPORT

Lab technician

Dr.Kundan Kumar Sahoo CONSULTANT PATHOLOGIST / MICROBIOLOGIST



Professional Accuracy

Precision

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Sample ID:

Test Description

Value(s)

10

Reference Range

Unit

ESR, Erythrocyte Sedimentation Rate

ESR - Erythrocyte Sedimentation Rate

Method : EDTA Whole Blood, Manual Westergren

0 - 15

mm/hr

Interpretation:

- It indicates presence and intensity of an inflammatory process. It does not diagnose a specific disease. Changes in the ESR are more significant than the abnormal results of a single test.
- It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis and polymyalgia rheumatica.
- It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

Blood Group ABO & Rh Typing, Blood

Blood Group (ABO typing)

Method : Manual-Hemagglutination

"O"

RhD Factor (Rh Typing)

Method: Manual hemagglutination

Positive

END OF REPORT

Lab technician

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Sample ID:

21421

Test Description			21421	
	Value(s)	Reference Range	Unit	
Character	Glucose, Fa	sting (FBS)		
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	78.30	75 - 115	mg/dL	
	Glucose, Post	Prandial (PP)		
Blood Glucose-Post Prandial Method: Hexokinase	125.13	70 - 140	mg/dL	
	BUN, S	Serum		
BUN-Blood Urea Nitroge Method: Serum, Urease	16.3	10 - 50	mg/dL	
	<u>Uric</u> acid	, Serum		
Uric Acid Method: Uricase, Colorimetric	3.4	3.4 - 7.0	mg/dL	
	Creat	inine		
Creatinine Method : Serum, Jaffe	0.74	0.60 - 1.30	mg/dL	

END OF REPORT

Lab technician

Dr.Kundan Kumar Sahoo CONSULTANT PATHOLOGIST / MICROBIOLOGIST



Lover

MATERNITY CARE HOPITAL

NAME : PRAVEEN RANJAN

DATE: 28-10-2023

AGE-37Y/M

SONOGRAPHER: DR. PARUL PATI

USG OF WHOLE ABDOMEN

LIVER: Normal in size, shape and parenchymal echotexture. No. SOL seen. Intrahepatic billiary channels normal in caliber and contains no echogenic structure. Portal and hepatic vascular systems within normal limits. P. V. measures 6.7mm,

GALL BLADDER: normal in shape and size no sol, no calculi seen C.B.D.: Common duct bile normal in calibre (3. 2mms).

SPLEEN: Normal in size, shape and parenchymal echotexture.

PANCREAS: Normal in size, shape and parenchymal echotexture. Pancreatic duct not dilated.

KIDNEYS: Both the kidneys are normal in size, shape and position. Renal cortical echotexture is within normal limits. Cortico medullary differentiation maintained. No evidence of my calculus or hydronephrosis on both sides. Pelvi-calyceal systems appear normal. No focal lesion seen.

➤ Right kidney measures : 9.7 x 5.3cms.

➤ Left kidney measures: 8.7 x 4.3cms.

URETERS: Both ureters not visualized (normal).

URINARY BLADDER: Symmetrical and normal in outline. Lumen clear. Walls normal in thickness

Prostrate-normal in size shape and echosructure .

Impression:Normal study of abdomen

MATERNITY CARE HOSPITAL & IVF CENTER
A-142/A-143, Sahid Nagar, Bhubaneswar

ZENA HEALTHCARE SERVICES

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NAME:-PRAVEEN RANJAN

REFERRAL:-MEDI-WHEEL

AGE:-37YRS

DATE:-28.10.2023

Patient ID:- 02

SEX :-MALE

CHEST X-RAY PA VEIW SHOWS.

- Both side lung fields are clear.
- Trachea within normal limit.
- Both costophrenic cardiophrenic angle are clear.
- · Cardiac shadow within normal limit.
- Media stinum in position

IMPRESSION:-NORMAL STUDY.

Basi

Dr.Bhagaban Pradhan M.D.(Radio diagnosis)

ConsultantRadiologist

ZENA HEALTHCARE SERVICES

(A Unit of Zena Enterprises)

MEDICAL REPORT

Date :- 29.10.2023

NAME

MR PRAVEEN RANJAN

MEDICAL INFORMATION

Height:- 164 cm	Age;- 37 yrs
Weight:- 94 kg	Sex:- MALE
Blood Pressure:- 122/90 mmhg	Pulse:- 68 /min

Body Mass Index(BMI)

31

Signature REGD No. 6993



Professional

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21421

Test Description	Value(s)	Reference Range	Unit

HbA1C, Glycosylated Hemoglobin

HbA1c (GLYCOSYLATED HEMOGLOBIN),

5.95

BLOOD

Method : (HPLC, NGSP certified)

Estimated Average Glucose:

124.07

mg/dL

Interpretation

Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 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

Note:

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently
 under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under
 good control but now poorly controlled.
- 2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.</p>

Comments

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

ADA criteria for correlation between HbA1c & Mean plasma glucose levels.

Mean Plasma Glucose (mg/dL)					



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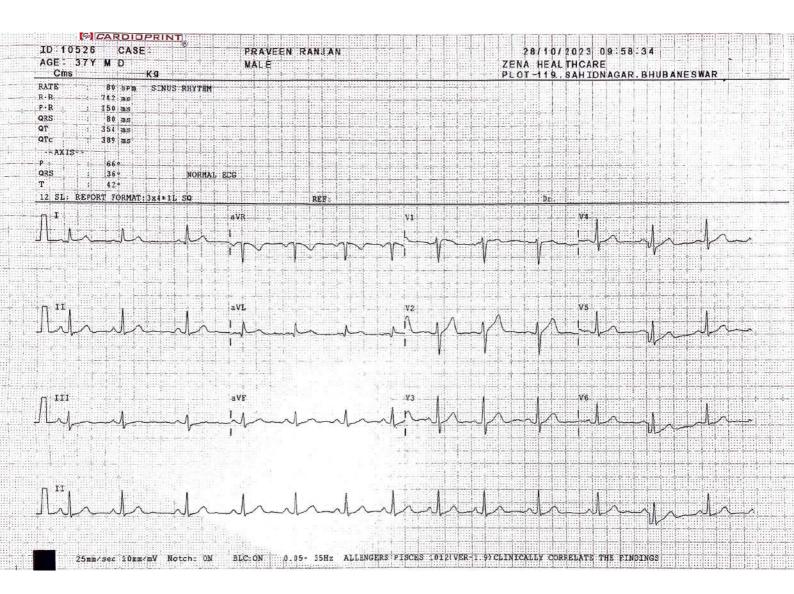
Sample ID:

				10.77(1) (20.00)		
Test De	escription	Value(s)	Reference Range	Unit		
10	240					
11	269					
12	298					

END OF REPORT

Lab technician

Dr.Kundan Kumar Sahoo CONSULTANT PATHOLOGIST /



ZENA HEALTHCARE SAHIDNAGAR, BHUBANESWAR

Report

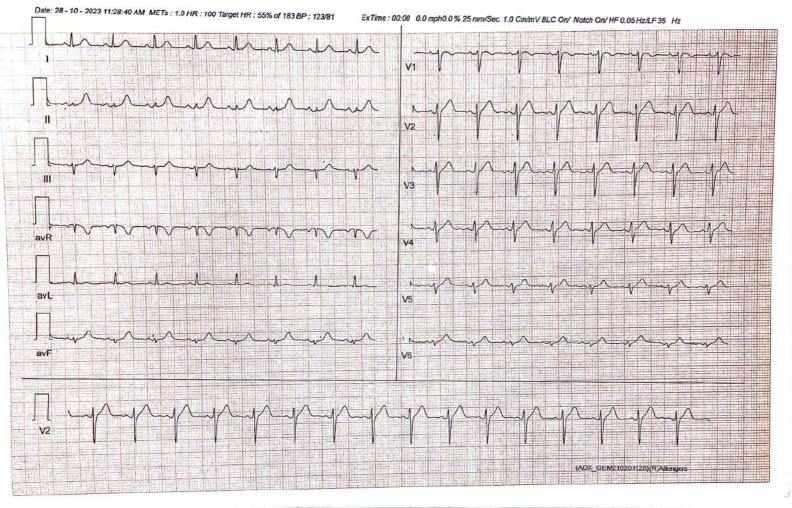


709 / PRAVEEN RANJAN / 37 Yrs / M / 164 Cms / 69 Kg Date: 28-Oct-2023 Refd By : MEDI-WHEEL Examined By:

tage	Time	Duration	Speed(mph)	Elevation	METS	Rate	%THR	BP	RPP	PVC	Comments
Supine	00:23	0:23	00.0	00.0	01.0	100	55 %	123/81	123	00	
Standing	00:40	0:17	00.0	00.0	01.0	100	55 %	123/81	123		
IV III	00:57	0:17	00.0	00.0	01.0	096	52 %	123/81	118	00	
ExStart	01:15	0:18	0,00	00.0	.01.0	097	53 %	123/81	119	00	
BRUCE Stage 1	04:15	3:00	01.7	10.0	04.7	135	74 %	124/83	167	00	
BRUCE Stage 2	07:15	3:00	02.5	12.0	07.1	136	74'%	125/84	170	00	
PeakEx	08:24	1:09	03.4	14.0	08,3	143	78 %	125/84	178	00	
Recovery	08:54	0:30	01,1	00.0	04.2	140	77 %	125/84	175	.00	
Recovery	09:24	1:00	01.1	00.0	01.2	124	68 %	124/84	153		
Recovery	11:24	3:00	00.0	00.0	01.0	104	57 %	124/83	128	00	
Recovery	13:33	5:09	0.00	0.00	01.0	105	57 %	123/82	129	00	
Exercise Tim Max HR Atta Max BP Atta Max WorkLo	ined ined ad Attained	: 125 : 8.3	bpm 78% of T /84 Fair response t		tress						
Test End Re	asons	: Tes	Complete								
REPORT:											

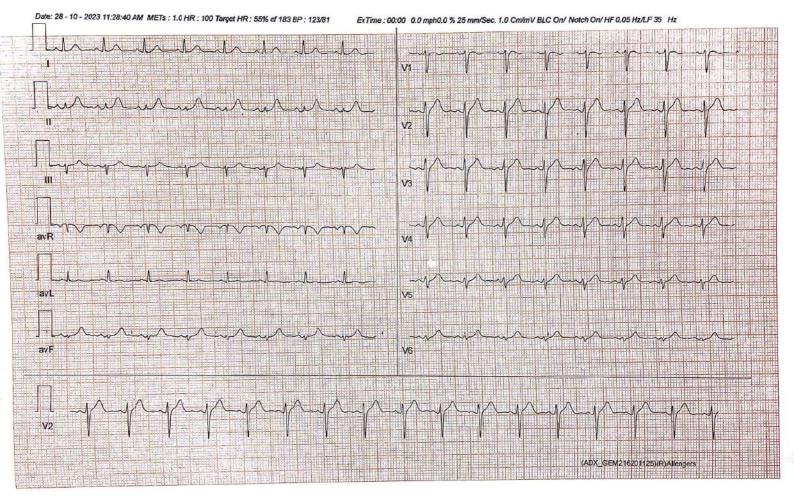
6 x 2 + Rhythm BRUCE:Supine(0:23)





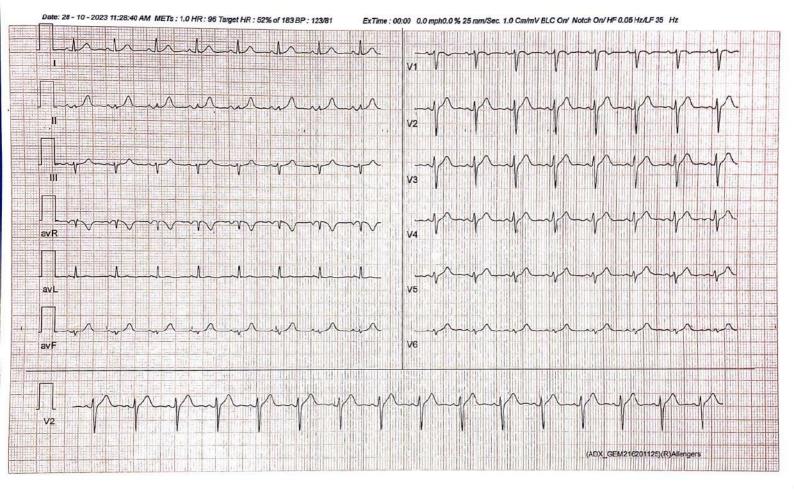
6 x 2 + Rhythm BRUCE:Standing(0:17)





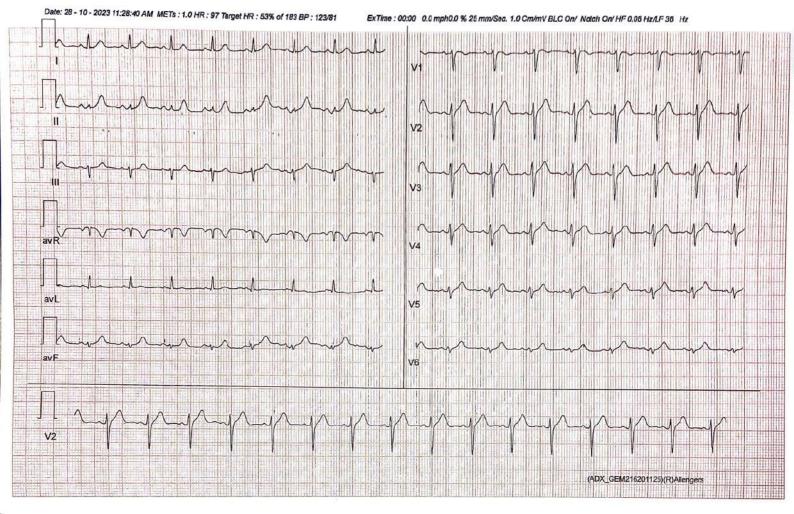
6 x 2 + Rhythm BRUCE:HV(0:17)





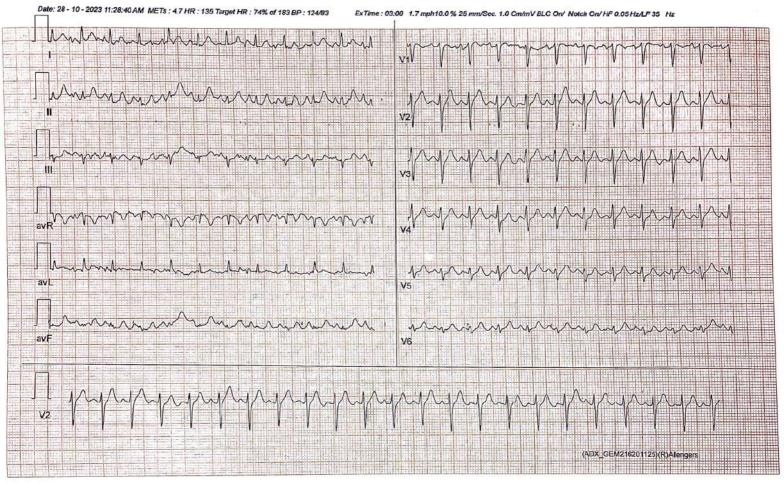
6 x 2 + Rhythm ExStart





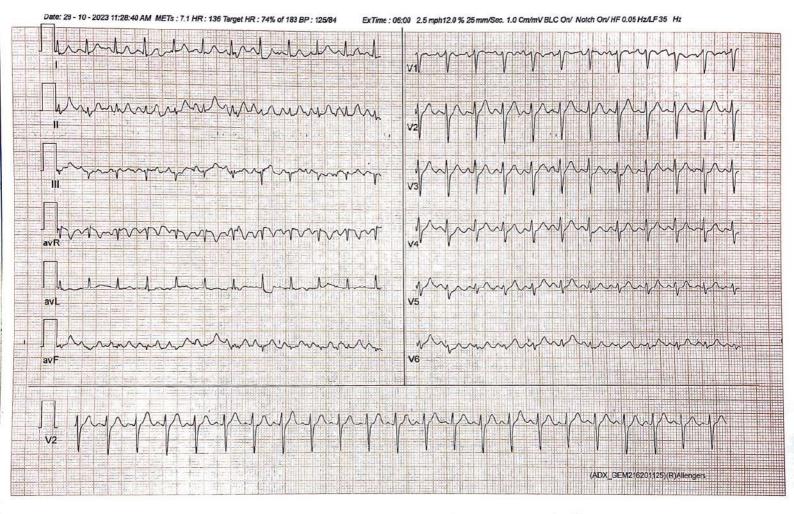
6 x 2 + Rhythm BRUCE:Stage 1(3:00)





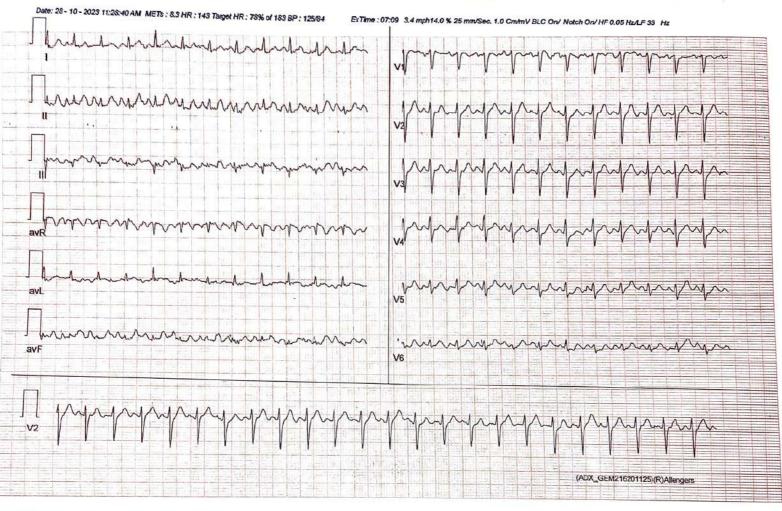
6 x 2 + Rhythm BRUCE:Stage 2(3:00)





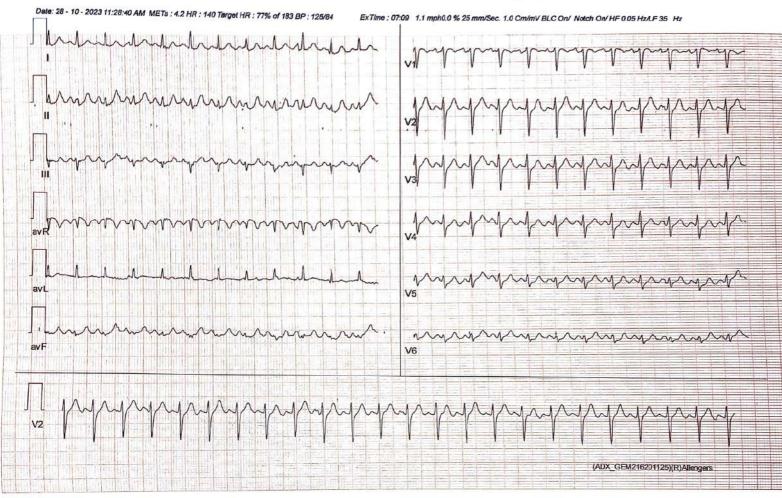
6 x 2 + Rhythm PeakEx





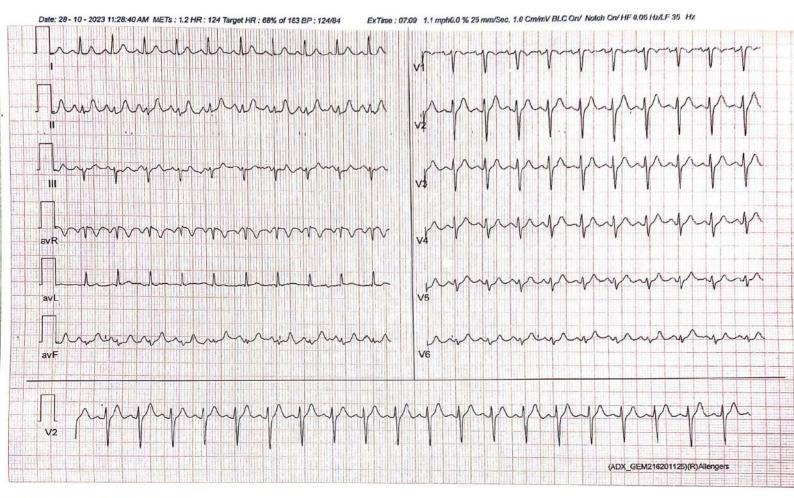
6 x 2 + Rhythm Recovery(0:30)





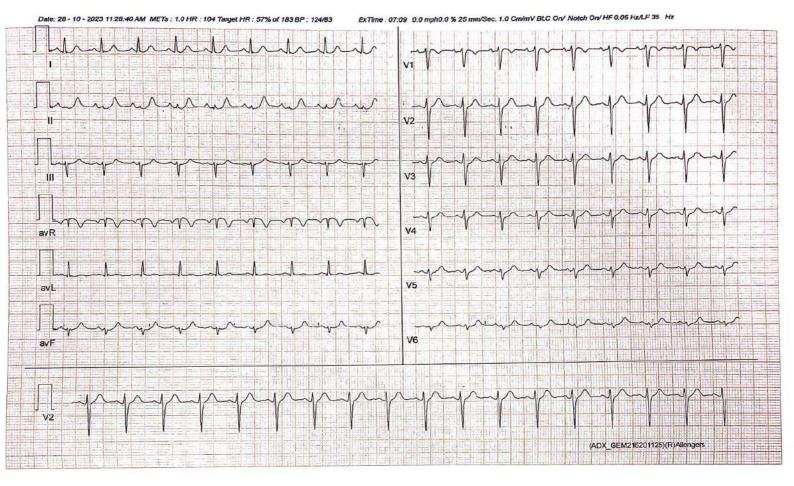
6 x 2 + Rhythm Recovery(1:00)





6 x 2 + Rhythm Recovery(3:00)





6 x 2 + Rhythm Recovery(5:09)



