

आयकर विभाग  
INCOME TAX DEPARTMENT

भारत सरकार  
GOVT. OF INDIA

स्थायी लेखा संख्या कार्ड  
Permanent Account Number Card

CPBPK6112F




नाम / Name  
KUNDAN KUNAL

पिता का नाम / Father's Name  
JAGDISH PASWAN

जन्म की तारीख  
Date of Birth  
31/08/1989

29052020

PAN Application Digitally Signed, Card Not Valid unless Physically Signed

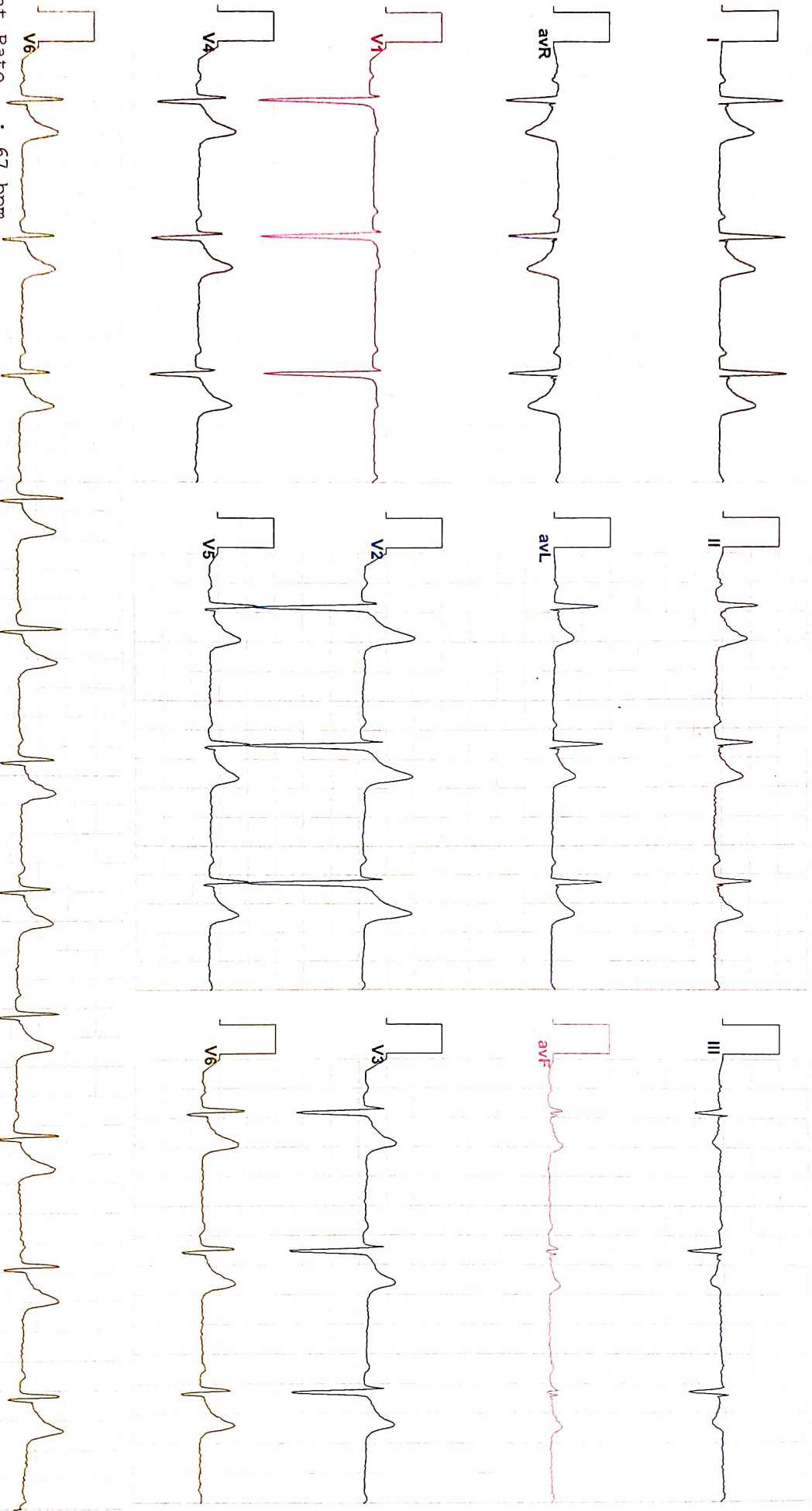


**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR  
Mob:- 7479422411

**Dr. P. C. Dubey**  
MD (Path), PGDMLS (Pune),  
DHA (Apollo)  
Chief Pathologist  
Reg. No:-20787

157 / KUNDAN KUNAL / 32 Yrs / M / 165Cms. / 80Kgs. / Non Smoker  
Heart Rate : 67 bpm / Tested On : 16-Oct-21 09.41.09 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

ECG



Vent Rate : 67 bpm  
PR Interval : 158 ms  
QRS Duration: 82 ms  
QT/QTc Int : 350/362 ms  
P-RS-T axis: 43.00° 9.00° 20.00°  
Allengers ECG (Pisces)(PIS215190517)

*S. Biswas*

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR

**DR. S. BISWAS**  
MBBS, MD

Mob: 7479422411

Page No: 14796

# EKG



**157 / KUNDAN KUNAL / 32 Yrs / M / 165Cms. / 80Kgs./ Non Smoker**  
 Heart Rate : 67 bpm / Tested On : 16-Oct-21 09:41:09 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

Amplitudes (µV)	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
P+	84	106	42	0	47	70	74	64	77	69	60	68
P-	0	0	-15	-91	0	0	0	-16	0	-18	0	-20
Q	0	0	0	-799	-32	0	0	0	0	0	0	0
R	985	640	67	0	718	203	440	400	262	412	712	588
S	-28	0	-474	0	-75	-33	-1723	-1111	-1725	-667	0	-347
R'	141	0	130	0	98	125	0	0	0	0	0	0
S'	0	0	-63	0	0	0	0	0	0	0	0	0
R''	0	1	0	0	0	0	0	0	0	0	0	0
T+	506	427	0	0	301	184	786	475	110	539	447	520
T-	0	0	-105	-462	0	0	0	0	0	0	0	0
ST60	128	99	-28	-114	78	36	261	144	75	144	101	124
STL	0.9	0.8	0.0	-0.8	0.4	0.4	1.4	0.8	0.0	1.0	0.8	0.9
STs(mV/s)	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1

Intervals (ms)	Durations (ms)	Axis
RR	P	P°
444	92	43
PR	QRS	QRS°
158	82	9
QT	T	T°
350	204	20
QTc		
362		

Allengers ECG (Pisces)(PIS215190517)

**MEDIFIRST DIAGNOSTICS**  
 BISTUPUR, JAMSHEDPUR  
 Mob: 7479422411

**DR. S. BISWAS**  
 MBBS, MD  
 Reg No 14798



2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg Date: 16-Oct-2021

Stage	Time	Duration	Belt Speed (mph)	Elevation	METS	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:15	0:14	00.0	00.0	01.0	076	40 %	125/82	095	00	
Standing	00:28	0:13	00.0	00.0	01.0	073	39 %	125/82	091	00	
HV	00:42	0:14	00.0	00.0	01.0	070	37 %	125/82	087	00	
Warm Up	00:57	0:15	00.0	00.0	01.0	074	39 %	129/84	095	00	
ExStart	01:13	0:16	01.0	00.0	01.0	074	39 %	135/86	099	00	
BRUCE Stage 1	04:13	3:00	01.7	10.0	04.7	125	66 %	138/90	172	00	
BRUCE Stage 2	07:13	3:00	02.5	12.0	07.1	152	81 %	141/92	214	00	
PeakEx	07:22	0:09	03.4	14.0	07.3	151	80 %	144/96	217	00	
Recovery	10:21	3:00	00.0	00.0	01.0	072	38 %	143/94	102	00	
Recovery	11:41	4:19	00.0	00.0	01.0	082	44 %	140/89	114	00	

**Findings :**

Exercise Time : 06:09  
 Max HR Attained : 152 bpm 81% of Target 188  
 Max BP Attained : (Sys) 144/96  
 Max Workload Attained : 7.3 Fair response to induced stress  
 Max ST Dep Lead & Value : III & -1.0 mm in Standing mm  
 Test End Reasons : Fatigue, Patient stopped Test



**MEDIFIRST DIAGNOSTICS**  
 BISTUPUR, JAMSHEDPUR  
 Mob: 7479422411

*S. Biswas*  
**DR. S. BISWAS**  
 MBBS, MD  
 Reg No. 14798



2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg / HR : 76

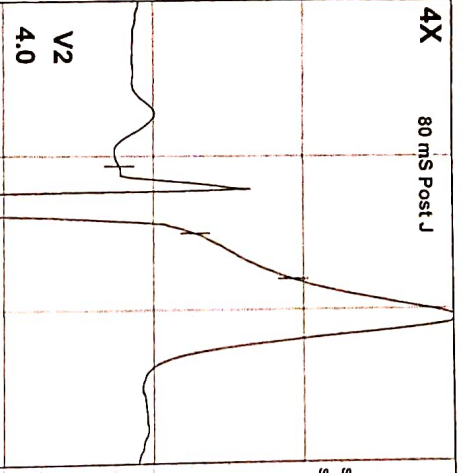
Date: 16-Oct-2021 09:43:26 AM METS: 1.0/ 76 bpm 40% of THR BP: 125/82 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

EXTime: 00:14 0.0 mpm, 0.0%

Supine



4X 80 ms Post J



I  
STL 3.0  
STS 2.2



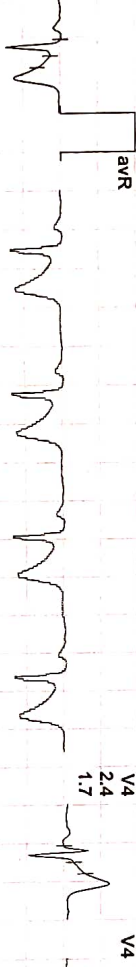
II  
2.1  
1.3



III  
-0.9  
-0.8



aVR  
-2.6  
-1.8



aVL  
1.9  
1.5



avF  
0.6  
0.3



V1  
0.6  
0.3



V2  
4.0  
2.8



V3  
2.1  
1.5



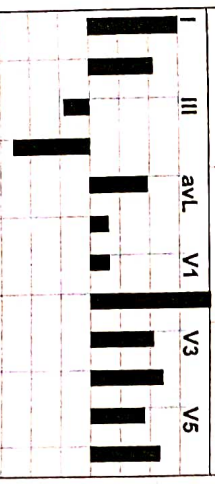
V4  
2.4  
1.7



V5  
1.8  
1.2



V6  
2.3  
1.6



REMARKS:

25 mm/Sec. 1.0 Cm/mV

**MEDIFIRST DIAGNOSTICS**

DISHTOPUR, JAMSHEDPUR  
(R) Allengers  
Mob: 7479422411  
(GEM214190403)

2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg / HR : 73

Date: 16-Oct-2021 09:43:26 AM

METS: 1.0/ 73 bpm 38% of THR BP: 125/82 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

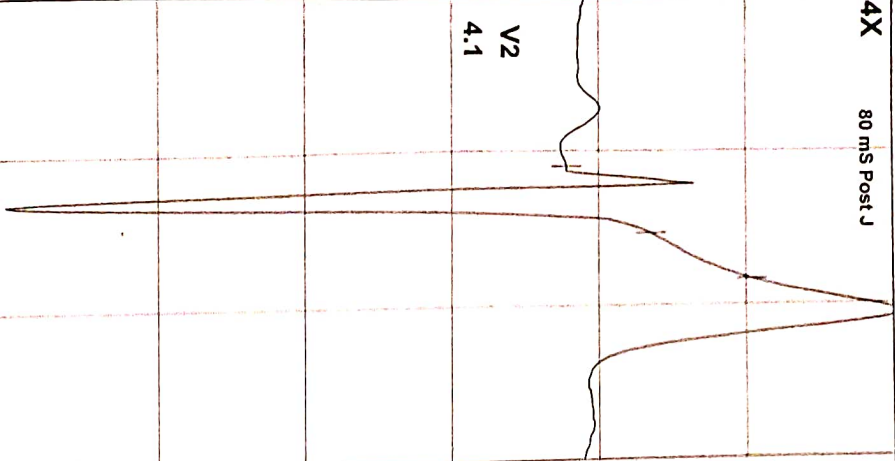
EXTime: 00:27 0.0 mph, 0.0%

Standing



4X 80 mS Post J

V2  
4.1



I  
ST 3.0  
STs 2.1

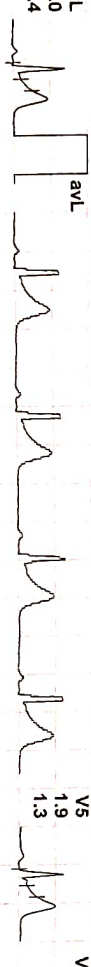
II  
2.0  
1.4

III  
-1.0  
-0.7

avR  
-2.5  
-1.8

avL  
2.0  
1.4

avF  
0.5  
0.3



V1  
0.8  
0.3

V2  
4.1  
2.8

V3  
2.1  
1.4

V4  
2.5  
1.7

V5  
1.9  
1.3

V6  
2.4  
1.7

V1

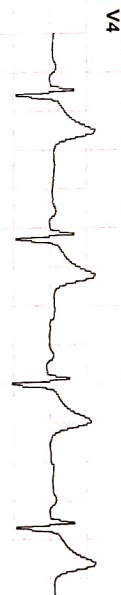
V2

V3

V4

V5

V6



REMARKS:  
I avL V1 V3 V5  
II avR avF V2 V4 V6

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR

(GEM214190403)(R)Allengers

2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg / HR : 70

HV

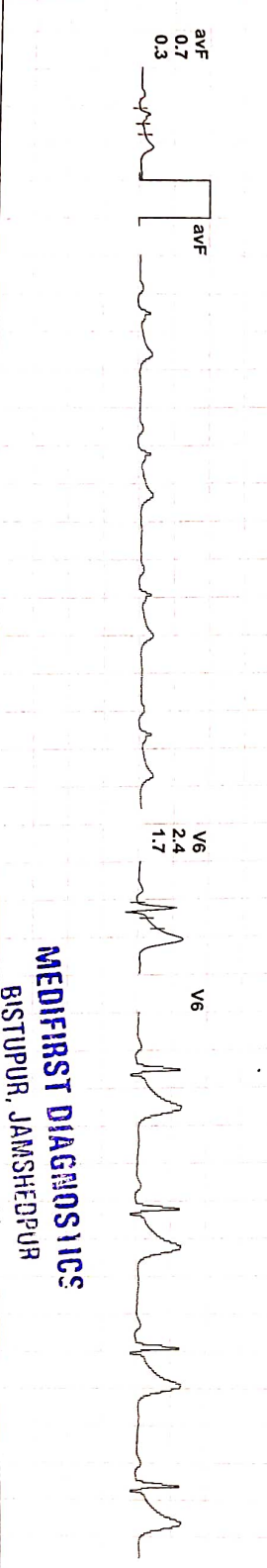
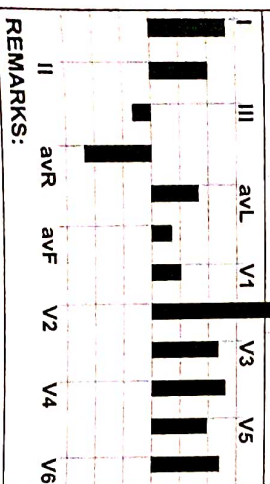
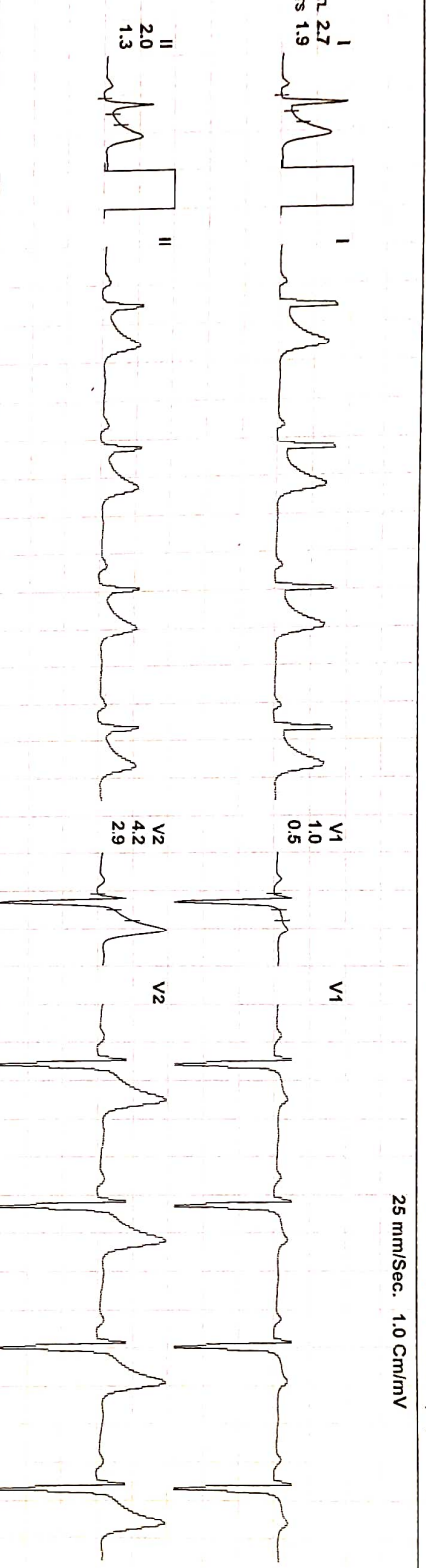
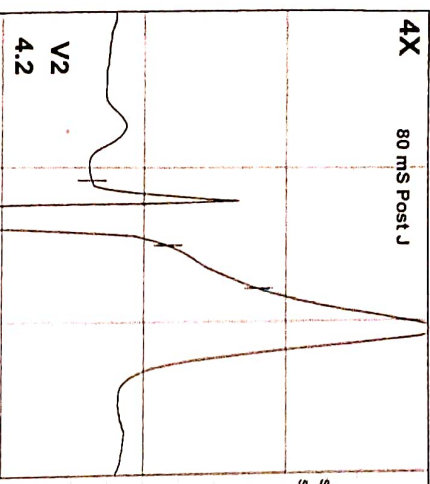


Date: 16-Oct-2021 09:43:26 AM METS: 1.0/ 70 bpm 37% of THR BP: 125/82 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 HZ/LF 100 Hz

EXTime: 00:41 0.0 mph, 0.0%

4X 80 ms Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

**MEDIAFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR

Mb:- 7479987214190403(R)Allengers



2138 / KUNDAN KUNAL / 32 YRS / M / 165 Cms / 80 Kg / HR : 74

Warm Up

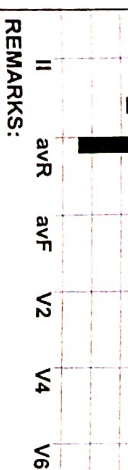
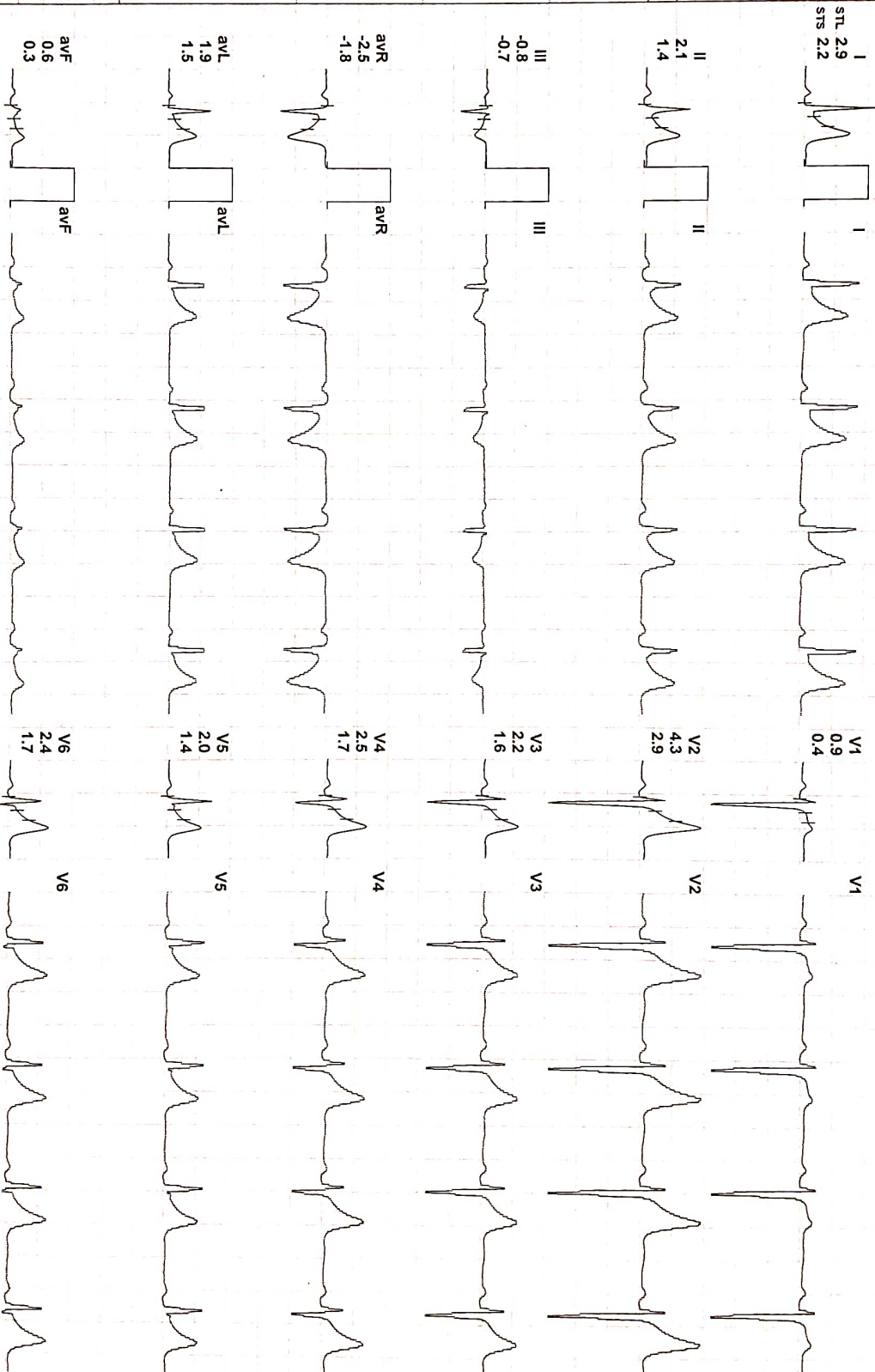
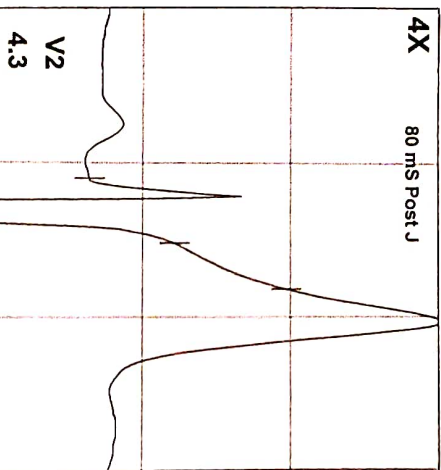


Date: 16-Oct-2021 09:43:26 AM METS: 1.0/74 bpm 39% of THR BP: 129/84 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:56 0.0 mph, 0.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

**MEDIAFIRST DIAGNOSTICS**

BISTUPUR, JAMSHEDPUR  
Mnb: 747942249 FM214190403 (R) Allengers

2138 / KUNDAN KUNAL / 32 YRS / M / 165 Cms / 80 Kg / HR : 74

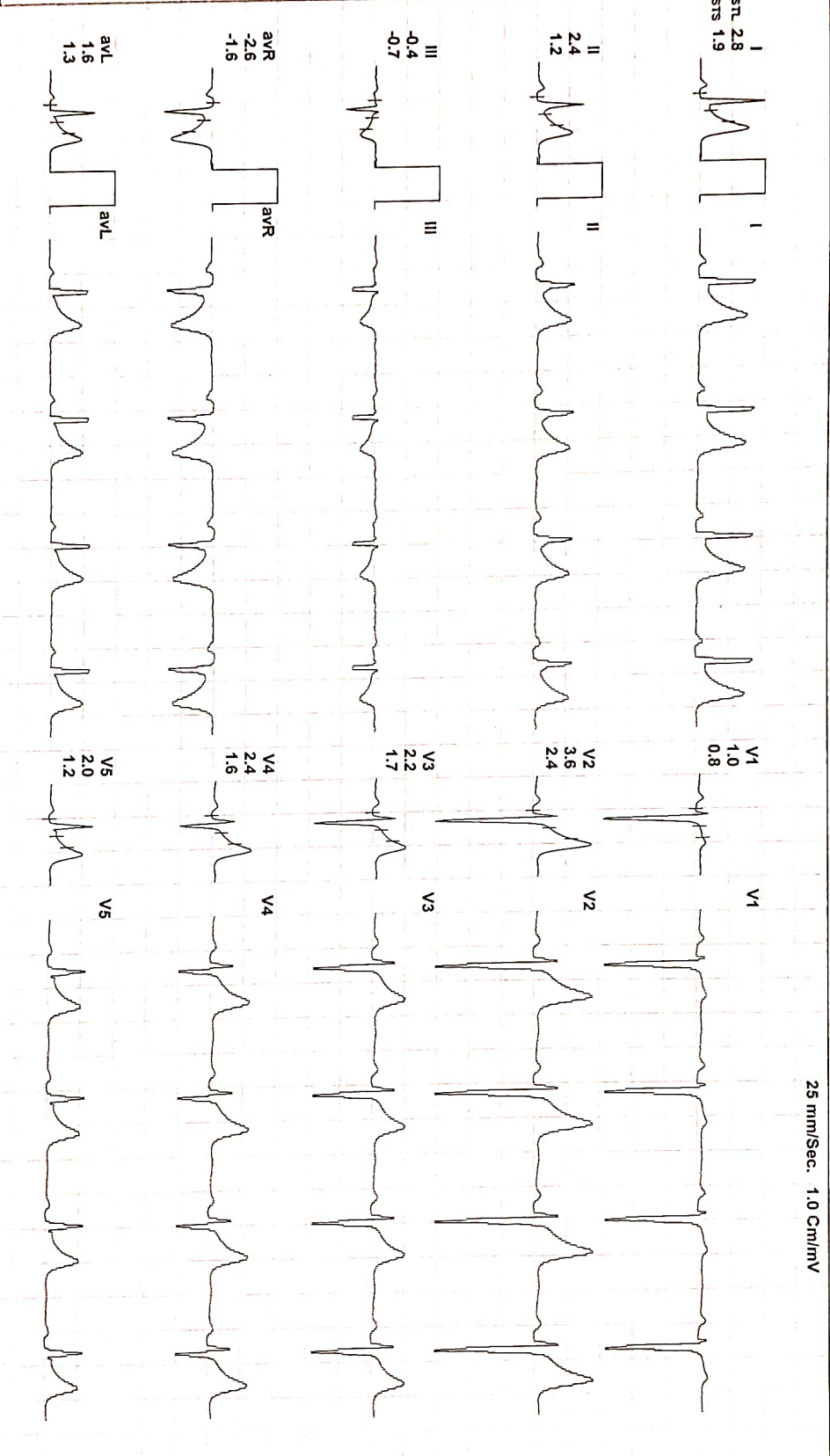
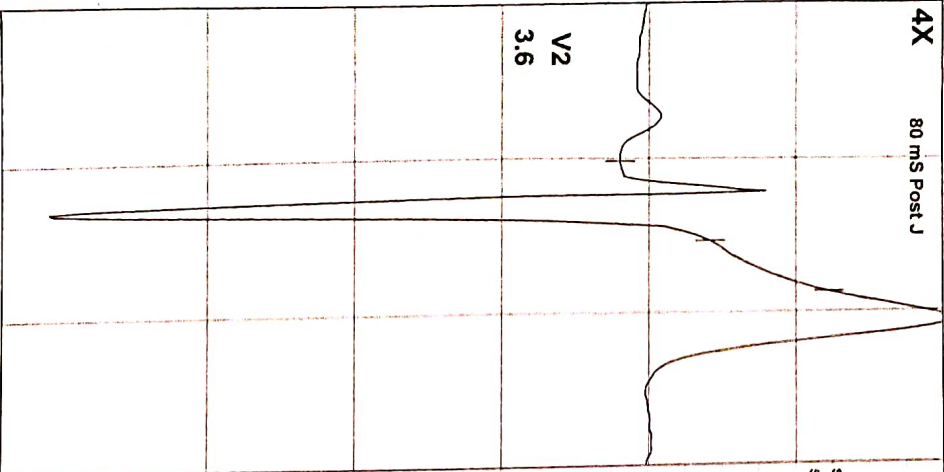
Date: 16-Oct-2021 09:43:26 AM METS: 1.0/74 bpm 39% of THR BP: 135/86 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 HZ/LF 100 HZ

ExTime: 00:00 1.0 mph, 0.0%

ExStart



4X 80 mS Post J



25 mm/Sec. 1.0 Cm/mV



REMARKS:

MEDI-FIRST DIAGNOSTICS

R1STUPUR, JAMSHEDPUR

(GEM214190403) R1: 16/10/2021 09:43:26 AM

2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg / HR : 125

BRUCE: Stage 1(3:00)

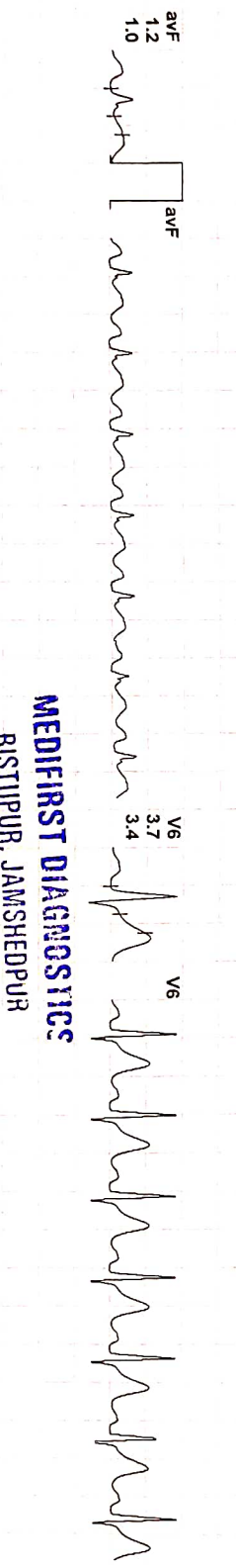
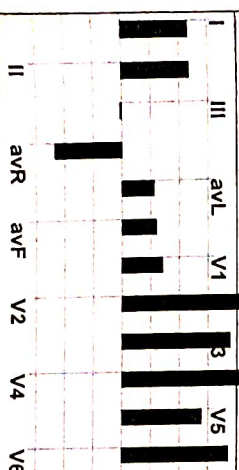
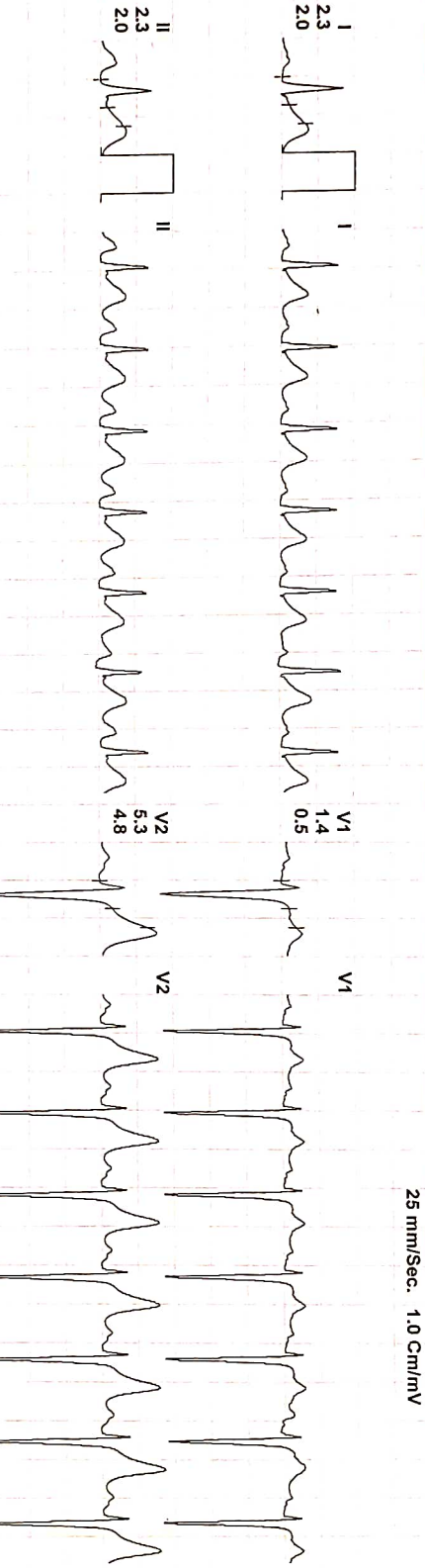


Date: 16-Oct-2021 09:43:26 AM METS: 4.7/125 bpm 66% of THR BP: 138/90 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 03:00 1.7 mph, 10.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

**MEDIFIRST DIAGNOSTICS**

BISTUPUR, JAMSHEDPUR

Mob:- 7479422411

(GEM214190403)(R)Allengers



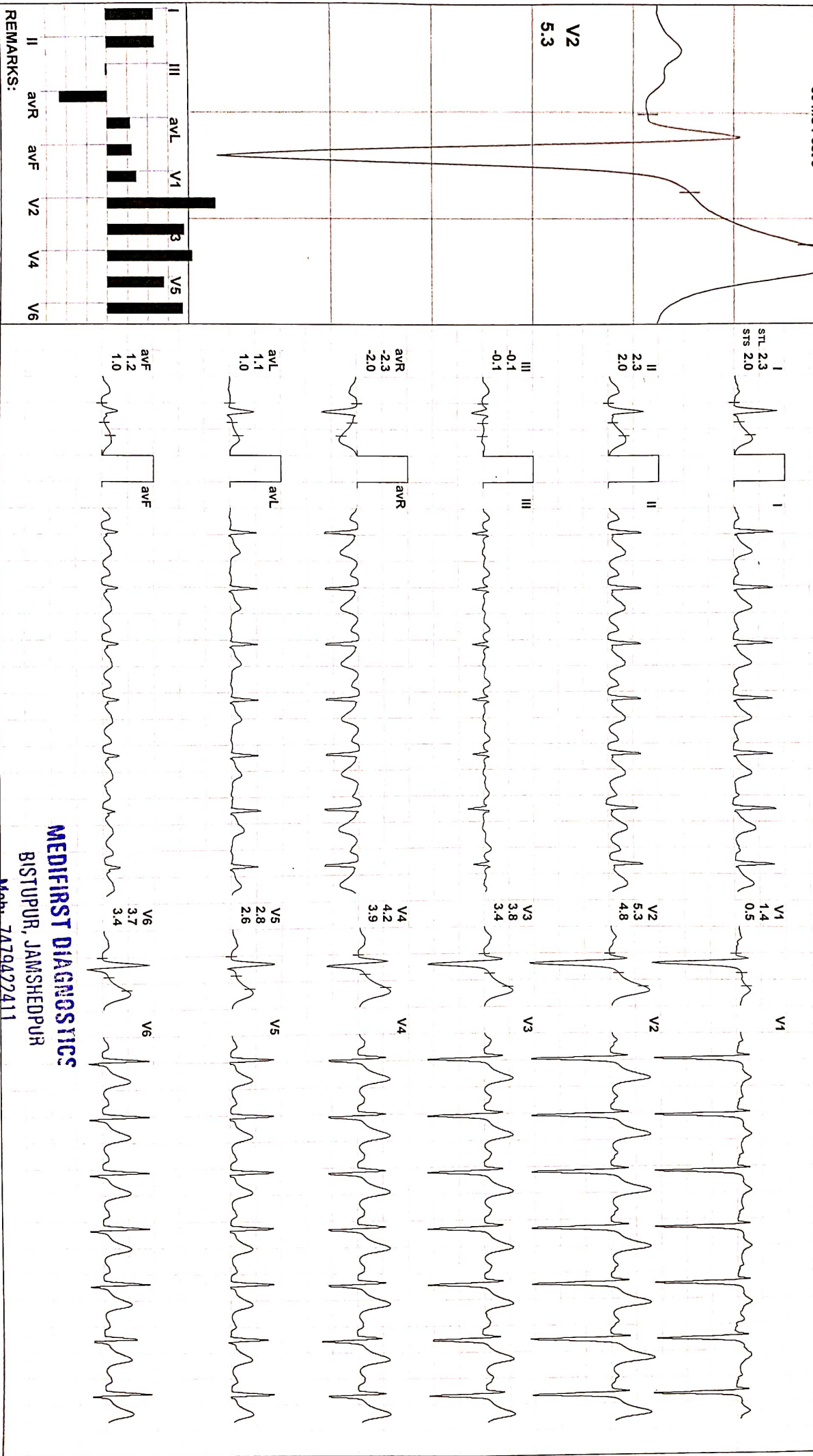
2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg / HR : 125

BRUCE: Stage 1(3:00)



Date: 16-Oct-2021 09:43:26 AM METS: 4.7/ 125 bpm 66% of THR BP: 138/90 mmHg Combined Medians/ BLC On/ Notch On/ HF: 0.05 Hz/LF: 100 Hz

4X 80 mS Post J STL 2.3 STS 2.0 ExtTime: 03:00 1.7 mph, 10.0% 25 mm/Sec. 1.0 Cm/mv



REMARKS:

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR

Mbb:- 7479422411

(GEM214190403)(R)/Allengers

2138 / KUNDAN KUNAL / 32 YRS / M / 165 Cms / 80 Kg / HR : 152

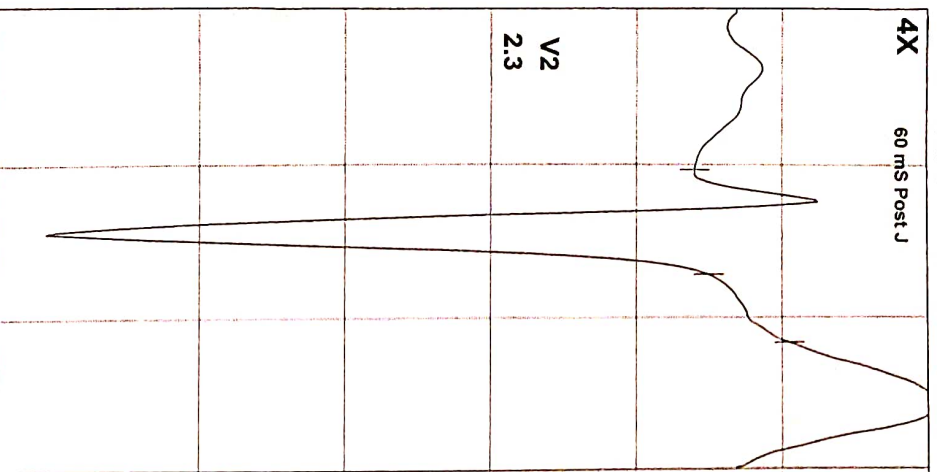
BRUCE: Stage 2(3:00)



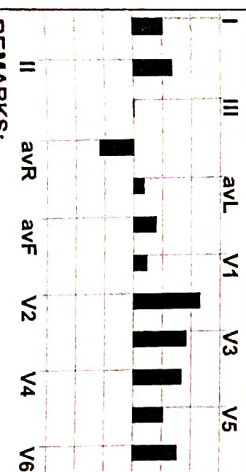
Date: 16-Oct-2021 09:43:26 AM METS: 7.1/152 bpm 80% of THR BP: 141/92 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz EXTime: 06:00 2.5 mph, 12.0%

4X 60 mS Post J

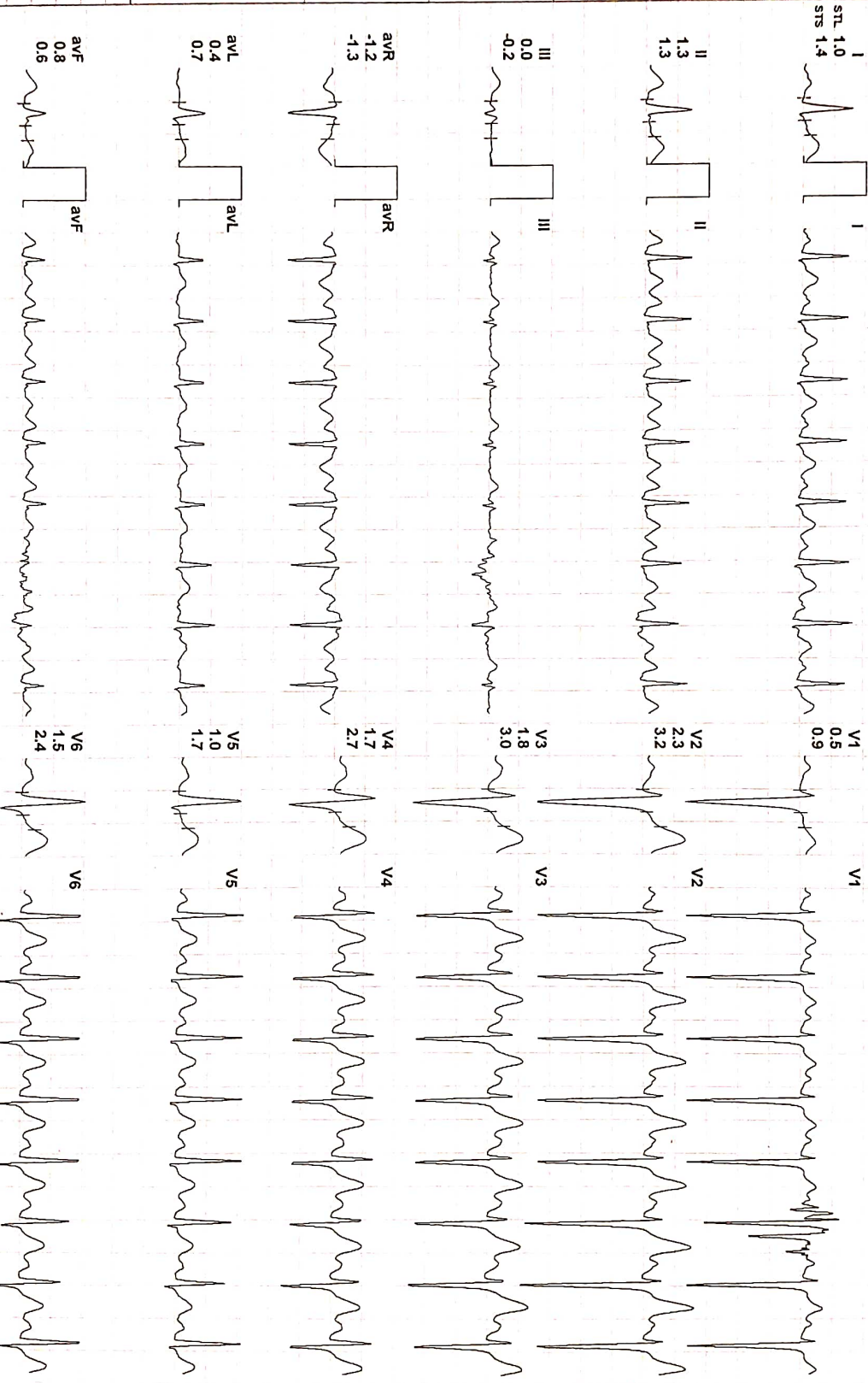
25 mm/Sec. 1.0 Cm/mV



V2 2.3



REMARKS:



I  
STL 1.0  
STS 1.4

II  
1.3  
1.3

III  
0.0  
-0.2

aVR  
-1.2  
-1.3

aVL  
0.4  
0.7

aVF  
0.8  
0.6

V1  
0.5  
0.9

V2  
2.3  
3.2

V3  
1.8  
3.0

V4  
1.7  
2.7

V5  
1.0  
1.7

V6  
1.5  
2.4

MEDIFIRST DIAGNOSTICS  
BISTUPUR, JAMSHEDPUR

Mob: 7479422411  
(GEM214190403)(R)Allengers

2138 / KUNDAN KUNAL / 32 YRS / M / 165 Cms / 80 Kg / HR : 151

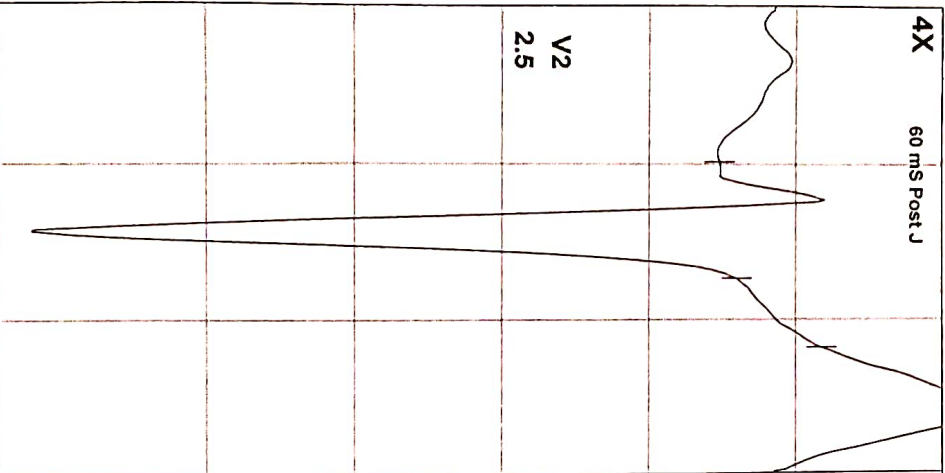
Date: 16-Oct-2021 09:43:26 AM METS: 7.3/151 bpm 80% of THR BP: 144/96 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

EXTime: 06:09 3.4 mph, 14.0%

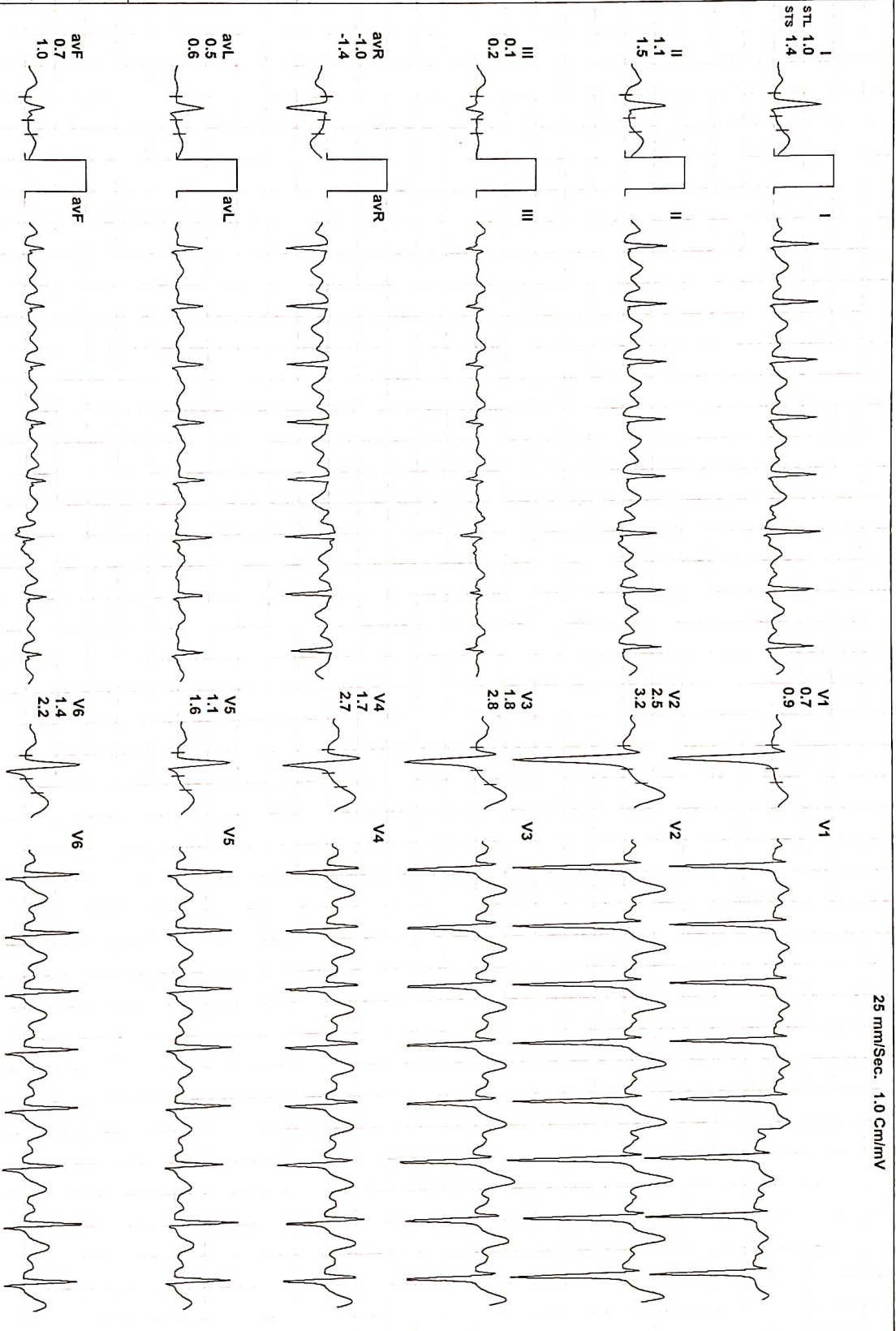
PeakEX



4X 60 ms Post J



V2 2.5



25 mm/Sec. 1.0 Cm/mV

I  
STL 1.0  
STS 1.4

II  
1.1  
1.5

III  
0.1  
0.2

aVR  
-1.0  
-1.4

aVL  
0.5  
0.6

aVF  
0.7  
1.0

V1  
0.7  
0.9

V2  
2.5  
3.2

V3  
1.8  
2.8

V4  
1.7  
2.7

V5  
1.1  
1.6

V6  
1.4  
2.2

REMARKS:

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR

Mob: 7479422411

(GEM214190403)(R)Allengers



2138 / KUNDAN KUNAL / 32 YRS / M / 165 Cms / 80 Kg / HR : 72

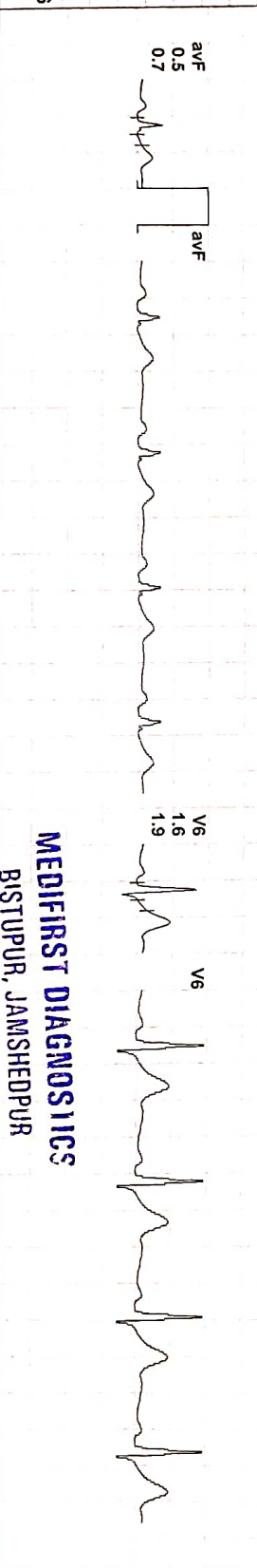
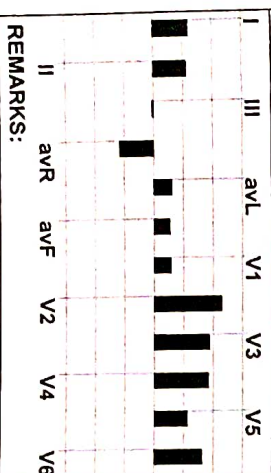
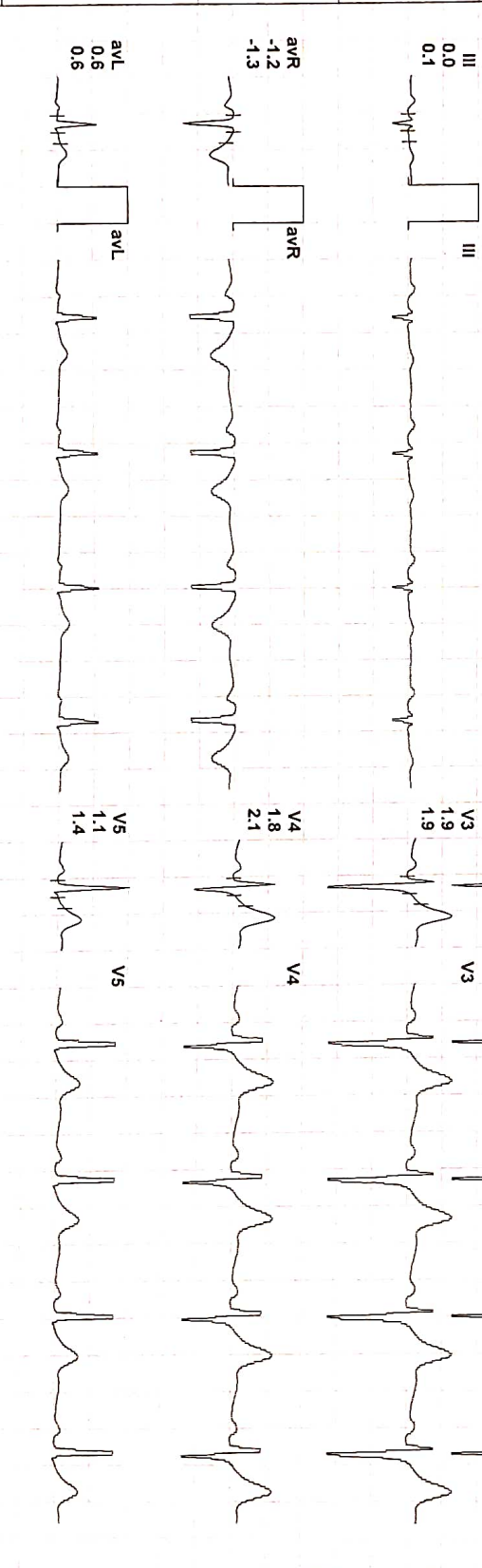
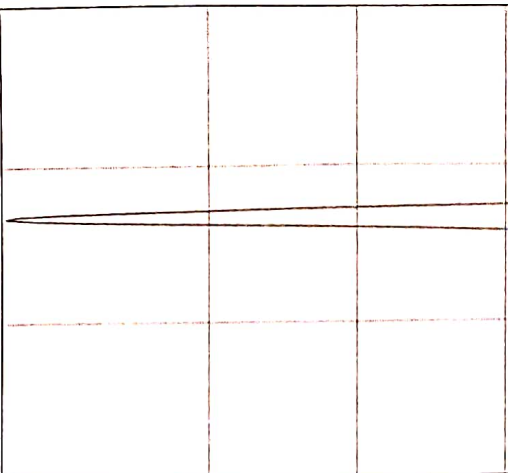
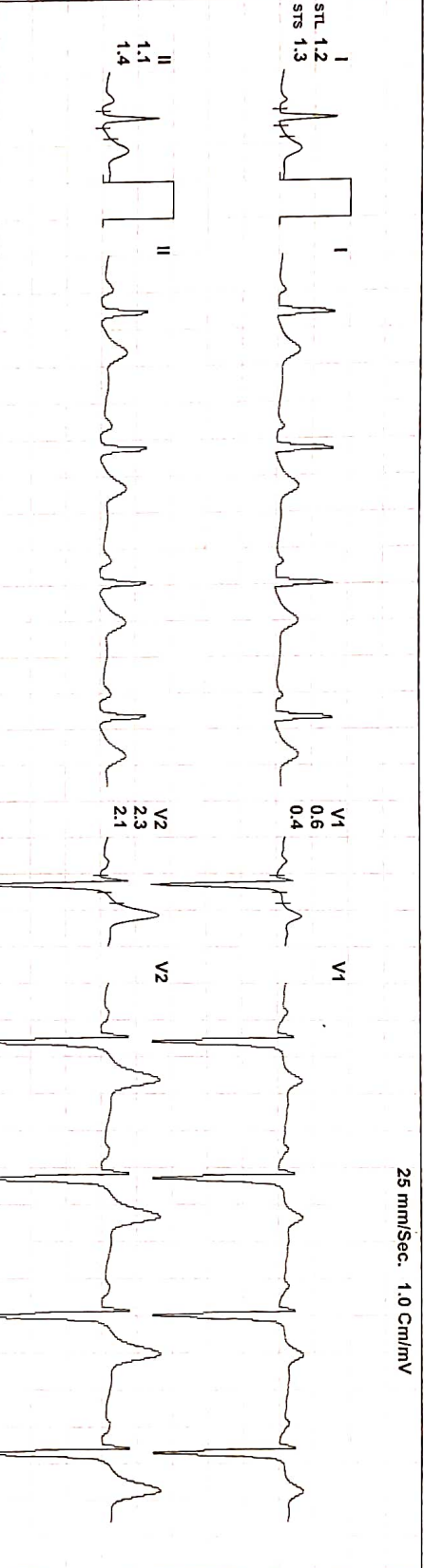
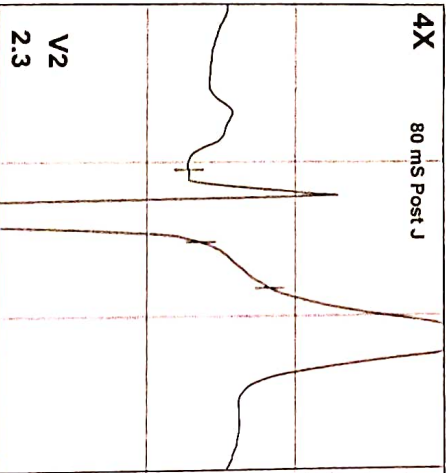
Recovery(3:00)



Date: 16-Oct-2021 09:43:26 AM METS: 1.0/ 72 bpm 38% of THR BP: 143/94 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz EXTime: 06:09 0.0 mph, 0.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR

MOB: 7479422411 (GEM214190403)(R)Allengers

2138 / KUNDAN KUNAL / 32 Yrs / M / 165 Cms / 80 Kg / HR : 82

Recovery(4:19)

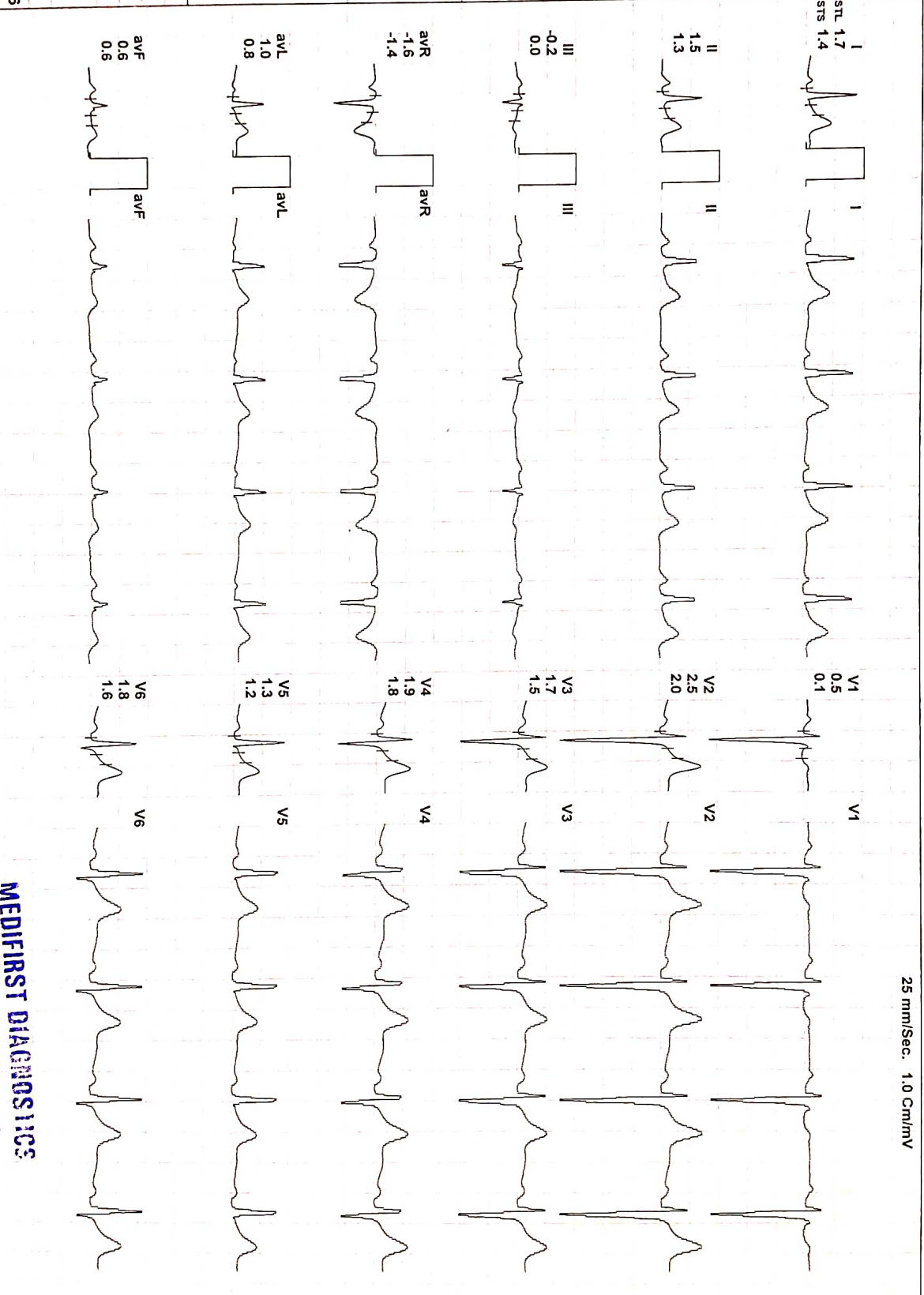
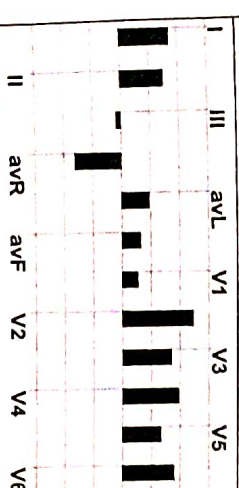
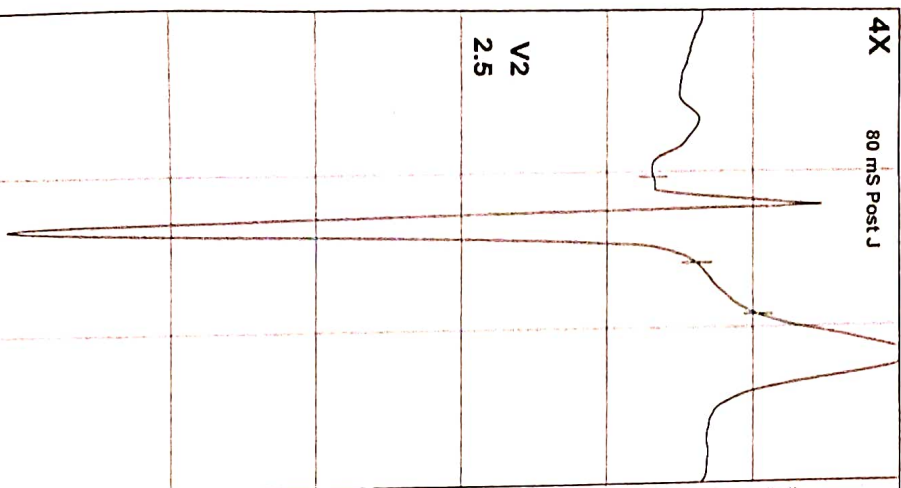


Date: 16-Oct-2021 09:43:26 AM METS: 1.0/ 82 bpm 43% of THR BP: 140/89 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

EXTime: 06:09 0.0 mph, 0.0%

4X 80 ms Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

**MEDIFIRST DIAGNOSTICS**  
BUSTUPUR, JAMSHEDPUR  
(G.M) 141994924411ingers  
MO: 141994924411ingers



Collected at : Medfirst Diagnostics  
Address : BISTUPUR  
Collected On : 16-Oct-21 11:58 am



HEALTH CARE

**MEDIFIRST DIAGNOSTICS**



medfirstdiagnostics.jsr@gmail.com

+91-7903980054

Transaction No : MFD/2021/0348  
Patient Id : 65265

Patient's Name : Mr KUNDAN KUNAL  
Referred by Dr : MEDIWHEEL

Age : 32 Sex : MALE  
Report on : 16-Oct-21 1:17 pm

Test Name	Result	Units	Normal Range
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Clinical Pathology

**Urine Cotinine**

Observation : NEGATIVE <200 ng/dl

**METHOD :- Qualitative Immunochromatographic Assay or Rapid self controlled immuassay based on the Principle of competitive binding.**

**Clinical Significance :**

Cotinine levels <10 ng/mL are considered to be consistent with no active smoking. Values of 10 ng/mL to 100 ng/mL are associated with light smoking or moderate passive exposure, and levels above 300 ng/mL are seen in heavy smokers - more than 20 cigarettes a day. In urine, values between 1 ng/mL and 30 ng/mL may be associated with light smoking or passive exposure, and levels in active smokers typically reach 500 ng/mL or more. In saliva, values between 1 ng/ml and 30 ng/ml may be associated with light smoking or passive exposure, and levels in active smokers typically reach 100 ng/ml or more. Cotinine assays provide an objective quantitative measure that is more reliable than smoking histories or counting the number of cigarettes smoked per day. Cotinine also permits the measurement of exposure to second-hand smoke (passive smoking)

HEALTH CARE  
MEDIFIRST DIAGNOSTICS

\*\*\* End of Report \*\*\*

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR  
Mob:- 7479422411

Dr. P. C. Dubey  
MD (Path), PGDMLS (Pune),  
DHA (Apollo)  
Chief Pathologist  
Reg. No:-20787



Collected at : Medifirst Diagnostics  
Address : BISTUPUR  
Collected On : 16-Oct-21 11:58 am



# MEDIFIRST DIAGNOSTICS

M medifirstdiagnostics.jsr@gmail.com  
+91-7903980054

Transaction No : MFD/2021/0348  
Patient Id : 65265

Patient's Name : Mr KUNDAN KUNAL  
Referred by Dr : MAX LIFE

Age : 32 Sex : MALE  
Report on : 16-Oct-21 1:10 pm


Test Name	Result	Units	Normal Range
<b>Biochemistry</b>			
Glucose Fasting, Plasma	: 89.2	mg/dl	70 - 110
URIC ACID	: 4.7	mg/dl	3.5 - 7.0
BLOOD UREA	: 25.3	mg/dl	20 - 40
BUN	: 5.3	mg/dl	5 - 25
SERUM CREATININE	: 0.85	mg/dl	0.6 - 1.4
<b>Haematology</b>			
ABO & Rh TYPE	: "B" POSITIVE		
<b>Glycosylated Hemoglobin(HbA1c)</b>			
Result	: 5.2	Non-Diabetic Range:4.0-6.0% American Diabetic Association Target:7.0	4 - 7
Mean Glucose Plasma	: 102.54	<116.0mg/dl	0 - 116

**Note:-**

Hemoglobin A1c is frequently used to help diagnosed diabetics determine how elevated their uncontrolled blood glucose levels have been. It may be ordered several times while control is being achieved, and then several times a year to verify that good control is being maintained. The A1c test may be used to screen for and diagnose diabetes. However, A1c should not be used for diagnosis in pregnant women, people who have had recent severe bleeding or blood transfusions, those with chronic kidney or liver disease, and people with blood disorders such as iron-deficiency anemia, vitamin B12 anemia, and hemoglobin variants.

\*\*\* End of Report \*\*\*

**MEDIFIRST DIAGNOSTICS**  
BISTUPUR, JAMSHEDPUR  
Mob:- 7479422411

  
**Dr. P. C. Dubey**  
MD (Path), PGDMLS (Pune),  
DHA (Apollo)  
Chief Pathologist  
Reg. No. 20678 of 1

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Transaction No : MFD/2021/0348  
Patient Id : 65265

Patient's Name : Mr KUNDAN KUNAL  
Referred by Dr : MEDIWHEEL

Age : 32 Sex : MALE  
Report on : 16-Oct-21 1:15 pm

Test Name	Result	Units	Normal Range
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**Urine Test**

**Physical Examination**

Colour : PALE YELLOW  
Quantity : 20 ML  
Appearance : CLEAR  
Deposits : NIL  
Specific Gravity : 1.020  
Reaction(Ph) : ACIDIC 4.8 - 7.6


**Chemical Examination**

Sugar : ABSENT  
Albumin : ABSENT  
Phosphate : ABSENT  
Bile Salt : ABSENT  
Bile Pigment : ABSENT  
Urobilinogen : NORMAL  
Acetone : ABSENT  
Blood : ABSENT

**Microscopic Examination**

R.B.C. : ABSENT /hpf  
PUS(WBC) Cells : 1 - 2 /hpf  
Epithelial Cells : A FEW /hpf  
Casts : ABSENT  
Crystals : ABSENT  
Others : ABSENT

\*\*\* End of Report \*\*\*

  
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Patient Id : 65265

Patient's Name : Mr KUNDAN KUNAL  
Referred by Dr : MEDIWHEEL

Age : 32 Sex : MALE  
Report on : 16-Oct-21 1:15 pm

Test Name	Result	Units	Normal Range
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**Serology**

**HIV 1&2**

(Human Immunodeficiency Virus) : NON REACTIVE

**Method : Tridot**

**Note :**

The above test is a screening test for detection of HIV I and II antibodies in human serum or plasma immobilized on an immunofiltration membrane. HIV I and HIV II viruses share many morphological and biological characteristics. It is likely that due to this reason, their antibodies behave via cross reactivity of 30-70 % Then tested using Recombinant proteins. Appearance of dots of HIV I and HIV II antibodies on the test device does not necessarily imply co-infection from HIV I and HIV II. This is only a screening test. All positive detected sample shall be reconfirmed by using WESTERN BLOT techniques. Negative test result does not exclude the possibility of infection or exposure to HIV.

HEALTH CARE  
MEDIFIRST DIAGNOSTICS

\*\*\* End of Report \*\*\*

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Transaction No : MFD/2021/0348  
Patient Id : 65265

Patient's Name : Mr KUNDAN KUNAL  
Referred by Dr : MEDIWHEEL

Age : 32 Sex : MALE  
Report on : 16-Oct-21 1:14 pm

Test Name	Result	Units	Normal Range
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**Biochemistry**

**LIVER FUNCTION TEST (LFT)**

BILIRUBIN (Total)	: 0.44	mg/dl	0.2 - 1.0
BILIRUBIN (Direct)	: 0.25	mg%	0 - 1
BILIRUBIN (Indirect)	: 0.19	mg%	0.1 - 1.0
SGOT/AST	: 13.6	IU/L	8 - 37
SGPT/ALT	: 28.4	IU/L	5 - 40
ALKALINE PHOSPHATASE	: 96.5	IU/L	40 - 125
GGT(Gamma Glutamyl Transferase)	: 30.7	U/L	15 - 85
Total Protein	: 6.8	gm/dl	5 - 8
ALBUMIN	: 4.0	mg/dl	3.5 - 5
Globulin	: 2.8	gm/dl	2.3 - 3.5
A/G Ratio	: 1.43		1.2 - 1.5
Australia Antigen(HBsAg)	: NEGATIVE		

**LIPID PROFILE TEST**

Serum Cholestrol	: 155.2	mg/dl	125 - 225
Serum Triglyceride	: 63.2	mg/dl	25 - 160
HDL Cholestrol	: 42.9	mg/dl	30 - 70
LDL Cholestrol	: 99.66	mg/dl	35 - 150
VLDL Cholestrol	: 12.64	mg/dl	7 - 35
LDLC/HDLC Ratio	: <b>2.32</b>		2.5 - 3.5
Serum Cholestrol/HDLC Ratio	: 3.62		3.0 - 5.0

\*\*\* End of Report \*\*\*

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**MEDIFIRST DIAGNOSTICS**

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+91-7903980054

Transaction No : MFD/2021/0348 Patient's Name : Mr KUNDAN KUNAL Age : 32 Sex : MALE  
Patient Id : 65265 Referred by Dr : MEDIWHEEL Report on : 16-Oct-21 1:13 pm

Test Name	Result	Units	Normal Range
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**Immunology**

**THYROID PROFILE TOTAL , SERUM**

TRI-IODO THYRONIN, (T3)	: 88.6	ng/dL	60 - 181
THYROXIN, (T4)	: 4.9	micro gm/dl	3.20 - 12.6
THYROID STIMULATING HORMONE	: 2.8	micro IU/ml	0.35 - 5.5

**Interpretation(s)**

**Use:**

To assess thyroid status, diagnosis of thyroid disease, and treatment of thyroid disease by measuring physiologically active Free T3, Free T4 and TSH by Ultrasensitive method. The synthesis and secretion of TSH is stimulated by Thyrotropin releasing hormone (TRH), the hypothalamic tripeptide, in response to low levels of circulating thyroid hormones. Elevated levels of T3 and T4 suppress the production of TSH via a classic negative feedback mechanism.

**Clinical Condition Free T3 Free T4 TSH:**

Subclinical Hypothyroid Normal Normal Increase  
Hypothyroid Decrease or Borderline low normal Decrease Increase  
Subclinical Thyrotoxicosis Normal/ Borderline High Normal Decrease  
Thyrotoxicosis Increase Increase Decrease  
Euthyroid Sick Increase/ Decrease Increase/ Decrease Normal  
T3 Toxicosis Increase Normal Decrease  
Secondary/Tertiary Hypothyroidism Normal / Decrease Decrease Decrease

TSH has a diurnal rhythm so values may vary as high as 50% if sample collection is done at different times of the day.  
Age specific reference intervals for Free T4 from TIETZ Textbook of CLINICAL CHEMISTRY & MOLECULAR DIAGNOSTICS- 5th Edition

**FREE T3 FREE T4 TS**

Age Reference Intervals (pg/mL) Age Reference Intervals (ng/dL) Age Reference Intervals (µIU/mL)  
Cord Blood 1.50 - 3.91 Children Children  
Children & Adults 2.10 - 4.40 1- 4 Days 2.2 - 5.3 0 - 4 Days 1.0 - 39.0  
Pregnancy 2.00 - 3.80 2 weeks - 20 years 0.8-2.0 2 weeks - 5 months 1.7 - 9.1  
Pregnancy 6 months - 20 Years 0.7 - 6.4  
First Trimester 0.7 - 2.0 Pregnancy  
Second/Third Trimesters 0.5 - 1.6 First Trimester 0.3 - 4.5  
Second Trimester 0.5 - 4.6  
Third Trimester 0.8 - 5.2

\*\*\* End of Report \*\*\*

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Mob:- 7479422411

**Dr. P. C. Dubey**  
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Transaction No : MFD/2021/0348  
Patient Id : 65265

Patient's Name : Mr KUNDAN KUNAL  
Referred by Dr : MEDIWHEEL

Age : 32 Sex : MALE  
Report on : 16-Oct-21 1:12 pm

Test Name	Result	Units	Normal Range
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## Haematology

### Complete Blood Count

Haemoglobin	: 15.2	gm/dl	12 - 16
Red Blood Cell Count	: 4.6	mil/cmm	3.8 - 5.8
White Blood Cell Count	: 4600	/cmm	4000 - 11000
Packed Cell Volume(Haematocrit)	: 41.8	%	35 - 47
Mean Corpuscular Volume	: 90.87	cu micron	76 - 96
Mean CorpuscularHaemoglobin	: 30.87	picograms	27 - 32
Mean Corpuscular HB Con.	: 33.97	g/dl	32 - 36
Red Cell Distribution Width	: 12.3	%	11 - 16
Platelet Count	: 220000	/cmm	150000 - 450000
Mean Platelet Volume	: 8.7	fL	6.8 - 10.9

### WBC Differential Count

Neutrophils	: 60	%	40 - 70
Lymphocytes	: 32	%	20 - 45
Monocytes	: 4	%	0 - 8
Eosinophils	: 4	%	0 - 6
Basophils	: 0	%	0 - 1

### ESR (Erythrocyte Sedimentation Rate)

Observation	: 12	mm 1st Hr	0 - 20
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#### Note :

#### Complete Blood Count

The cell morphology is well preserved for 24 hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading to a decrease in MCHC. A direct smear is recommended for an accurate differential count and for examination of RBC morphology.

\*\*\* End of Report \*\*\*

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