

HOLTER REPORT

Patient Name: SUDHIR KUMAR,
ID: 375586
Age: 66 yr
Gender: Male
Date of Birth

Hookup Date: 07-Jul-2021
Hookup Time: 10:56:00
Duration: 24:00:00
Recorder Serial #: 85013b81
Order #:

Overreading Physician: SOFAT, DR.SUNIL
Referring Physician: ,
Ordering Physician: SOFAT, DR.SUNIL
Hook-Up Technician: ,
Analyzing Technician: , VAISHALI
Indication/Diagnosis: SHORT SINUS PAUSES,HTN
Medications:

General

66917 QRS complexes
3 Ventricular beats (< 1%)
82 Supraventricular beats (< 1%)
< 1 % of total time classified as noise

Ventriculars (V, F, E, I)

3 Isolated
0 Couplets
0 Bigeminal cycles
0 Runs totaling 0 beats

Heart Rates

39 Minimum at 12:50:39 07-Jul
46 Average
68 Maximum at 02:05:04 08-Jul
0 Beats in tachycardia (≥ 100 bpm), 0% total
58412 Beats in bradycardia (≤ 50 bpm), 87% total
1.8 Seconds Max R-R at 12:50:26 07-Jul

Supraventriculars (S, J, A)

82 Isolated
0 Couplets
0 Bigeminal cycles
0 Runs totaling 0 beats

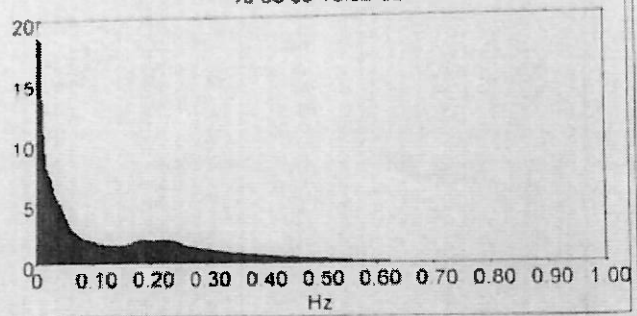
Interpretation

Signed: _____ Date: _____

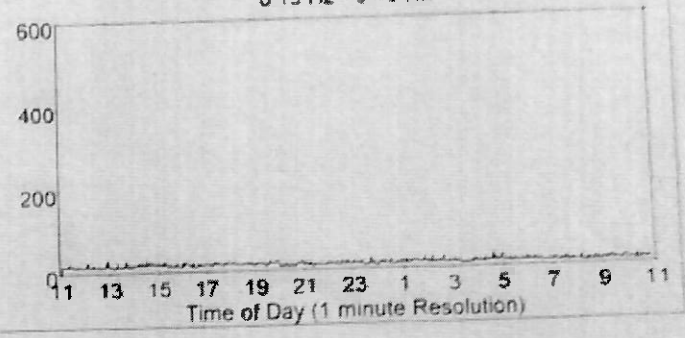
Patient: **SUDHIR KUMAR,**
 ID: 375586

Site: **JAYPEE HOSPITAL**
 Location: **SEC 128 NOIDA**
 Hookup: **07-Jul-2021**

of Occurrences Histogram (ms)
 10:56:00-10:56:00



HRV Trend (ms)
 0.15 Hz - 0.40 Hz



Spectral Power

- 26.59 ms Very Low Frequency (0.0033 - 0.0400 Hz)
 - 13.26 ms Low Frequency (0.0400 - 0.1500 Hz)
 - 12.13 ms High Frequency (0.1500 - 0.4000 Hz)
 - 32.21 ms Wideband Frequency (0.0033 - 1.7070 Hz)
 - 12.13 ms User Frequency (0.1500 - 0.4000 Hz)
- Low/High Ratio: 1.09

Exclusions

Time analyzed: 86400 sec (24:00:00)
 from 10:56:00 07-Jul-2021 to 10:58:00 08-Jul-2021
 Time excluded: 0% (00:12:31)
 Exclude RR interval ratios: < 0.80 > 1.20
 Exclude RR intervals: < 150 ms > 5000 ms

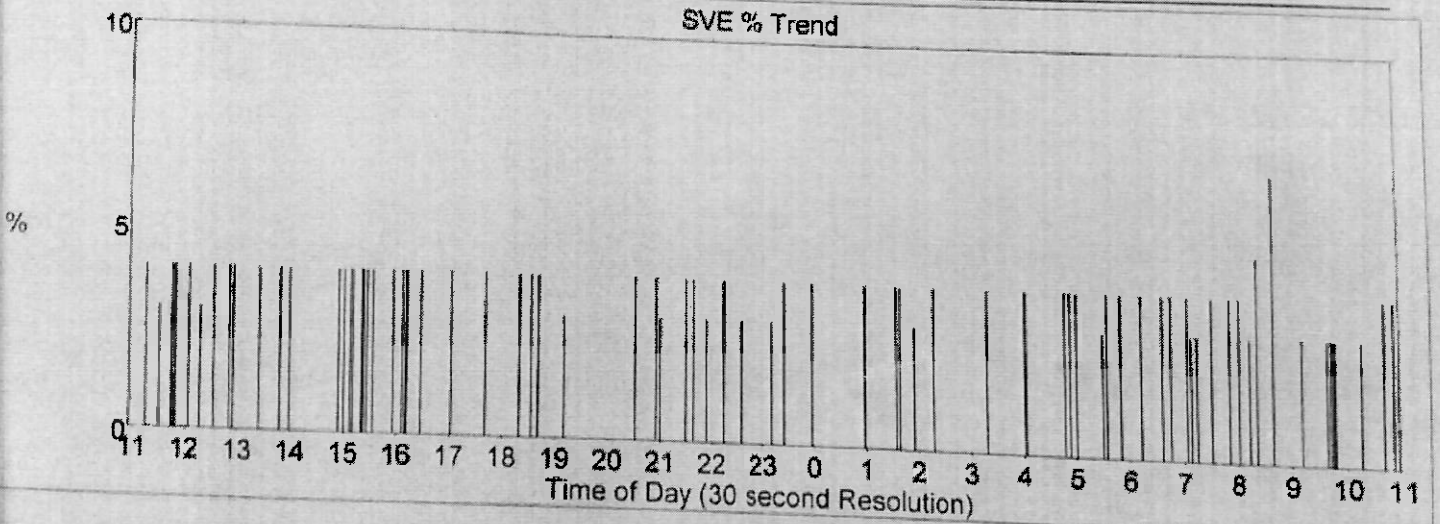
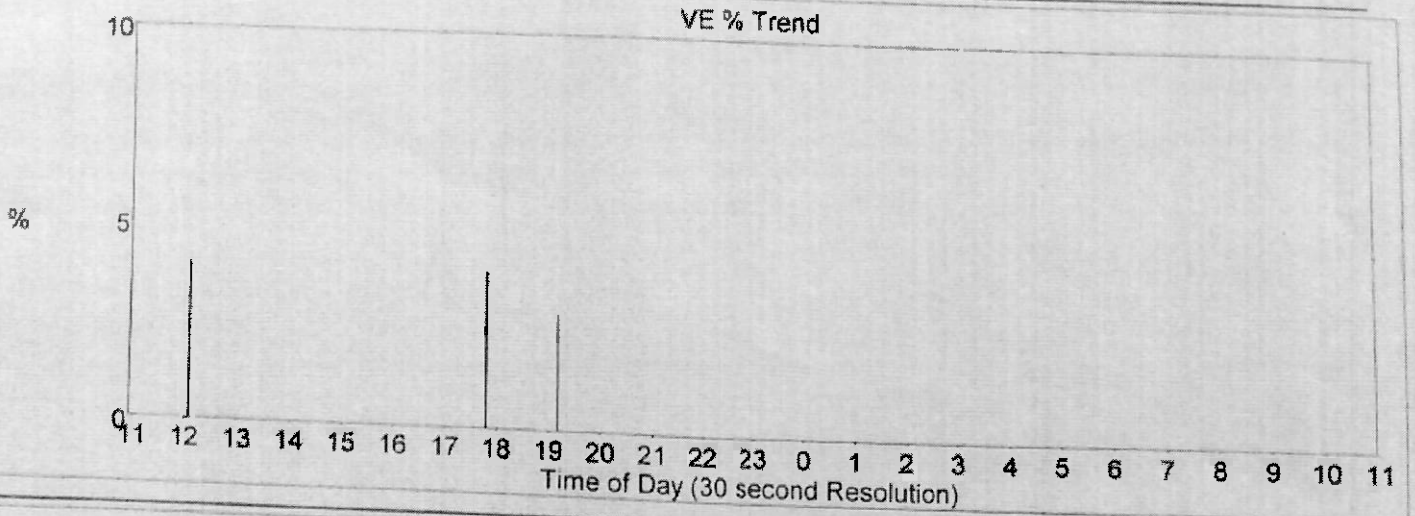
Time Domain

- 1292 ms Mean NN
- 98 ms SDNN
- 81 ms SDANN
- 47 ms ASDNN
- 30 ms rMSSD
- 7.7% pNN50
- 3.9% pNN50a
- 3.7% pNN50b
- 5104 beats BB50
- 2610 beats BB50a
- 2494 beats BB50b

before	Intervals Excluded	after
1	Fusion	1
1	Idioventricular	1
1	Ventricular Escape	1
1	Ventricular	1
1	Questionable	1
1	Junctional	1
1	Aberrant	1
1	Supraventricular	1
1	Paced Fusion	1
1	Dual Paced	1
1	Atrial Paced	1
1	Ventricular Paced	1

Patient: SUDHIR KUMAR,
ID 375586

Site: JAYPEE HOSPITAL
Location: SEC 128 NOIDA
Hookup 07-Jul-2021



Patient: SUDHIR KUMAR,
ID 375586

Site JAYPEE HOSPITAL
Location SEC 128 NOIDA
Hookup. 07-Jul-2021

Hourly Summary

*RR Pause Criteria: 2000

Heart Rate

Ventricular

Supraventricular

Hour	Min.s Used	Heart Rate					Ventricular					Supraventricular				
		#QRS's	Min.	Ave.	Max.	Pauses	Iso	Cplt	Runs	Max Run	Max Rate	Iso	Cplt	Runs	Max Run	Max Rate
10	34	1590	41	47	60	0	0	0	0	0	0	1	0	0	0	0
11	60	2681	41	45	57	0	1	0	0	0	0	5	0	0	0	0
12	60	2687	39	45	54	0	0	0	0	0	0	4	0	0	0	0
13	60	2708	41	45	54	0	0	0	0	0	0	2	0	0	0	0
14	60	2729	41	45	53	0	0	0	0	0	0	8	0	0	0	0
15	60	2726	40	45	55	0	0	0	0	0	0	6	0	0	0	0
16	60	2760	40	46	58	0	0	0	0	0	0	1	0	0	0	0
17	60	2744	42	46	53	0	1	0	0	0	0	2	0	0	0	0
18	60	2714	41	45	55	0	1	0	0	0	0	3	0	0	0	0
19	60	2650	41	44	49	0	0	0	0	0	0	0	0	0	0	0
20	60	2809	40	47	58	0	0	0	0	0	0	4	0	0	0	0
21	60	2809	43	47	54	0	0	0	0	0	0	3	0	0	0	0
22	60	2899	44	48	59	0	0	0	0	0	0	3	0	0	0	0
23	60	2632	40	44	58	0	0	0	0	0	0	1	0	0	0	0
00	60	2704	41	45	59	0	0	0	0	0	0	2	0	0	0	0
01	60	2941	43	49	68	0	0	0	0	0	0	4	0	0	0	0
02	60	2858	44	48	57	0	0	0	0	0	0	1	0	0	0	0
03	60	2687	41	45	56	0	0	0	0	0	0	2	0	0	0	0
04	60	2632	40	44	64	0	0	0	0	0	0	4	0	0	0	0
05	60	2694	40	45	56	0	0	0	0	0	0	4	0	0	0	0
06	60	2757	39	46	59	0	0	0	0	0	0	4	0	0	0	0
07	60	3109	45	52	68	0	0	0	0	0	0	5	0	0	0	0
08	60	3137	47	52	60	0	0	0	0	0	0	6	0	0	0	0
09	60	3002	46	50	58	0	0	0	0	0	0	3	0	0	0	0
10	26	1258	44	48	57	0	0	0	0	0	0	5	0	0	0	0
	1440	66917	39	46	68	0	3	0	0	0	0	82	0	0	0	0

Patient: SUDHIR KUMAR,
ID: 375586

Site JAYPEE HOSPITAL
Location SEC 128 NOIDA
Hookup 07-Jul-2021

Description

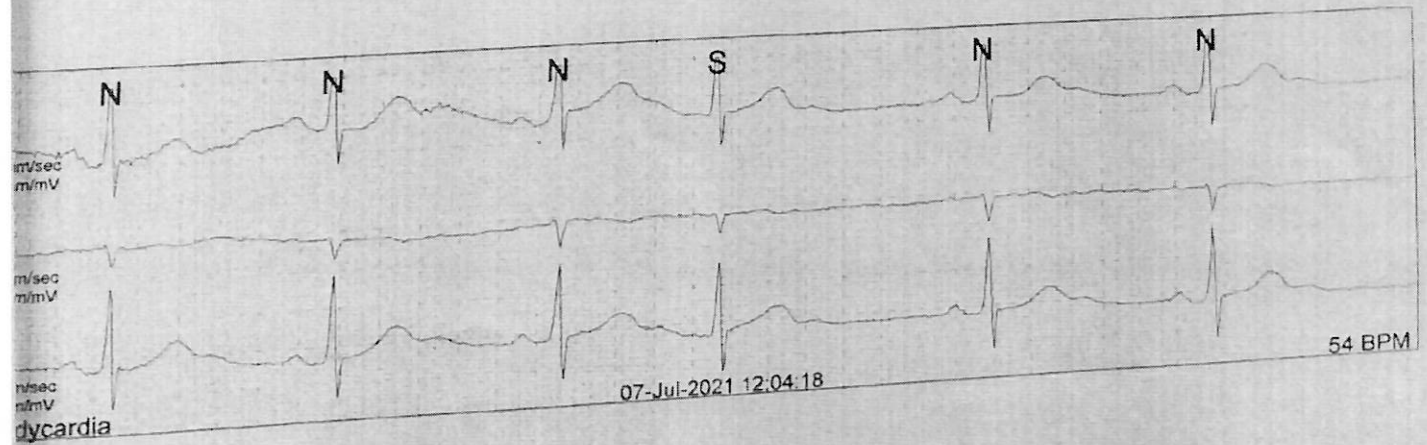
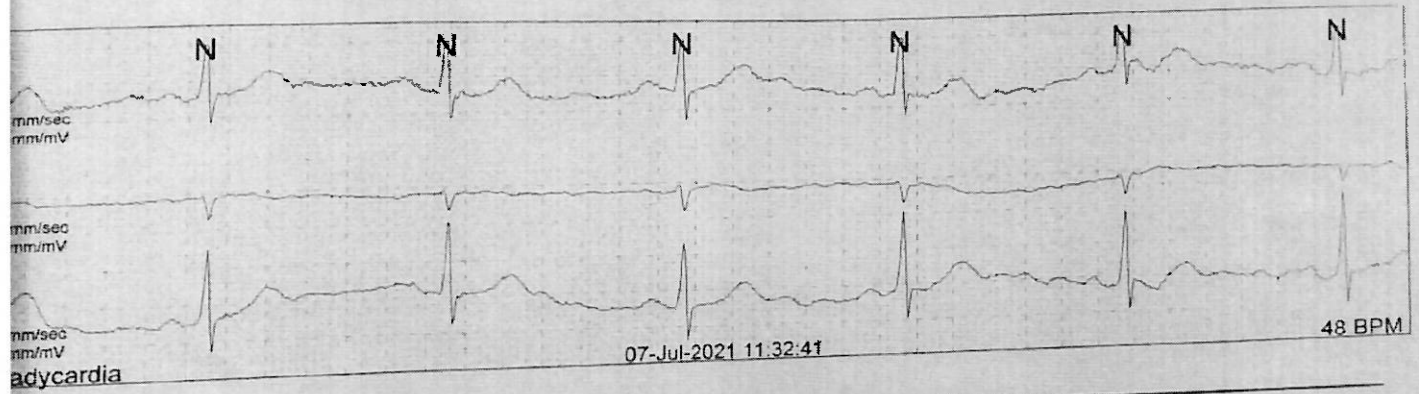
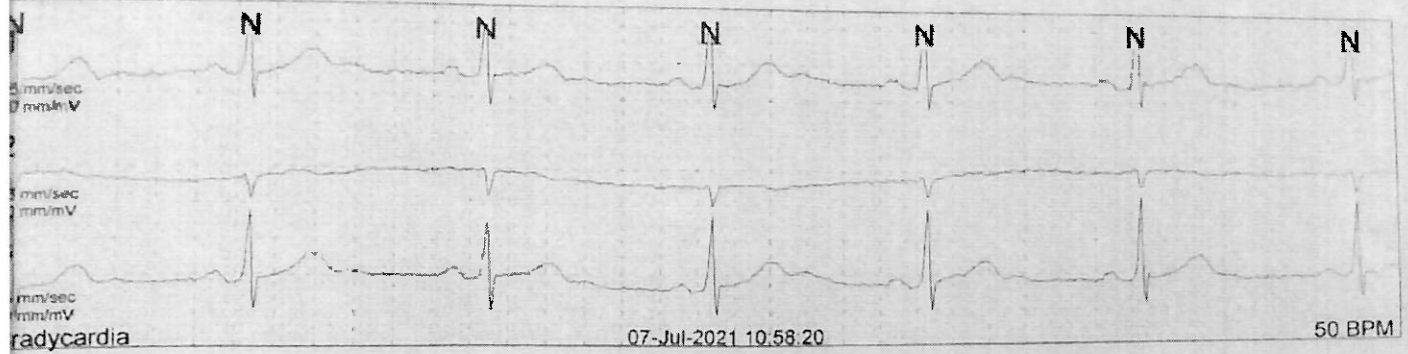
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Strip	02:05:04 08-Jul	18
Strip	03:02:14 08-Jul	19
Strip	03:32:37 08-Jul	19
Strip	04:02:58 08-Jul	19
Strip	04:05:10 08-Jul	20
Strip	05:01:45 08-Jul	20
Strip	06:03:44 08-Jul	20
Strip	06:31:44 08-Jul	21
Strip	07:05:44 08-Jul	21
Strip	07:36:50 08-Jul	21
Strip	07:51:08 08-Jul	22
Strip	08:04:47 08-Jul	22
Strip	08:31:44 08-Jul	22
Strip	08:39:48 08-Jul	23
Strip	09:06:15 08-Jul	23
Strip	09:34:19 08-Jul	23
Strip	09:34:19 08-Jul	24
Strip	10:04:15 08-Jul	24
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Strip	10:55:45 08-Jul	25

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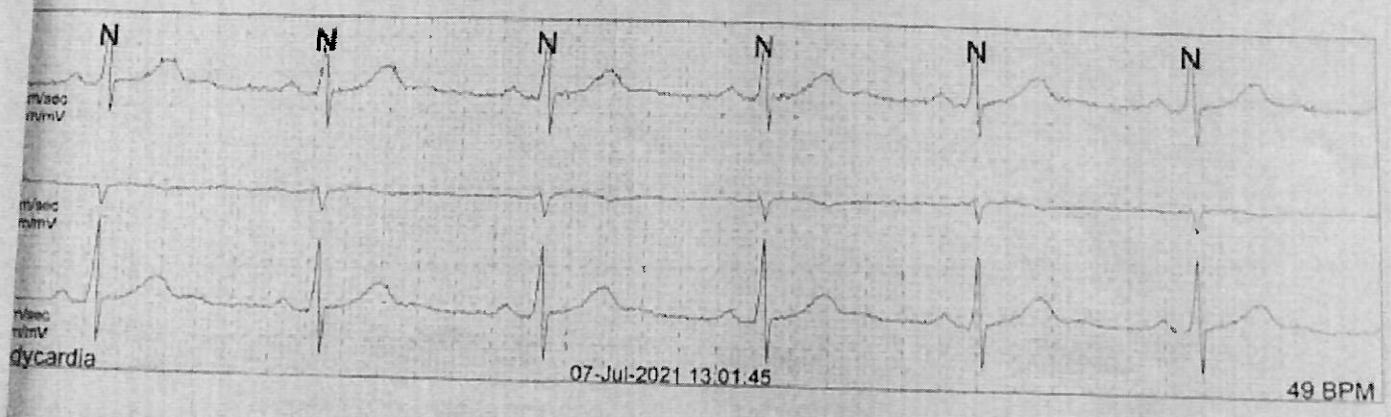
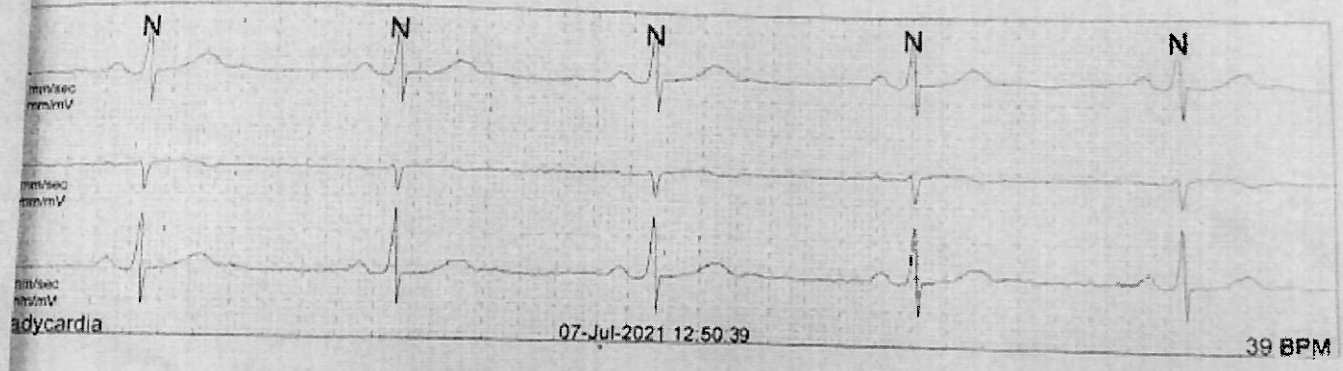
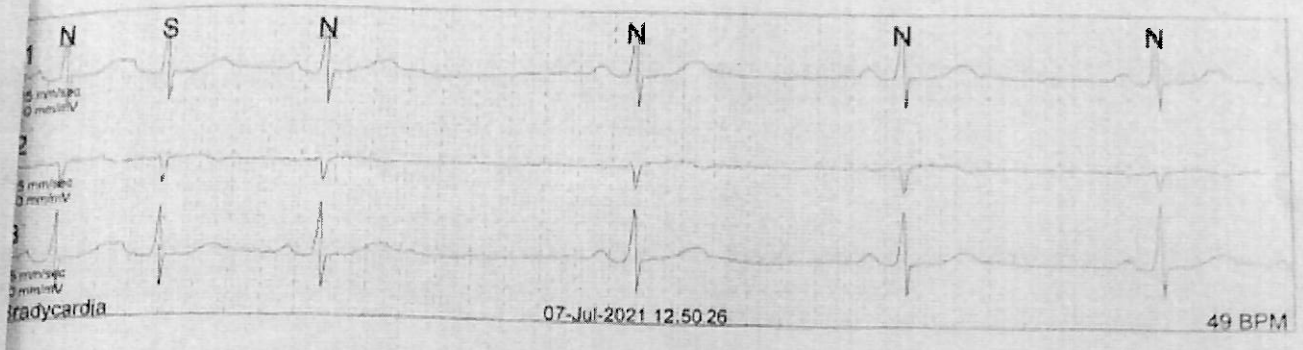
Patient: SUDHIR KUMAR,
ID 375586

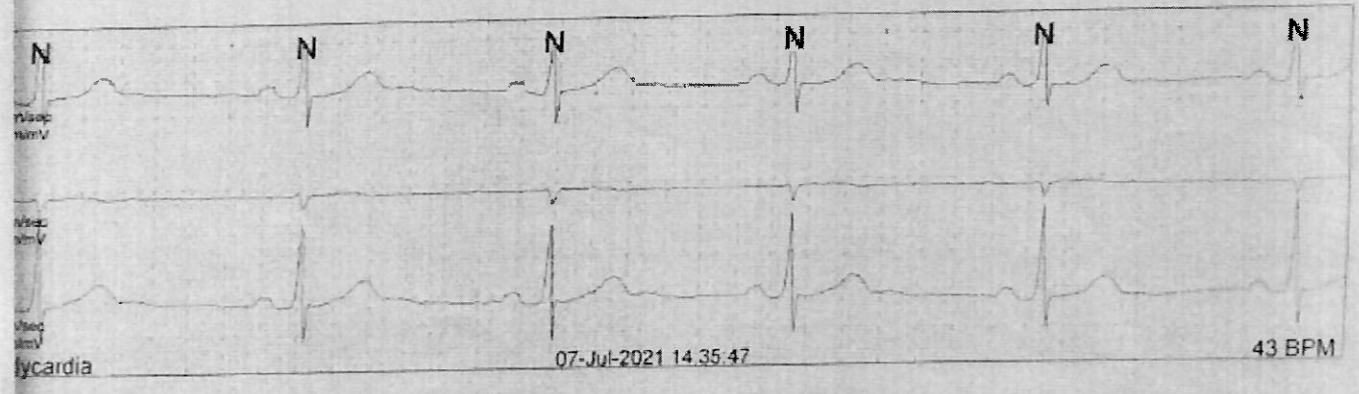
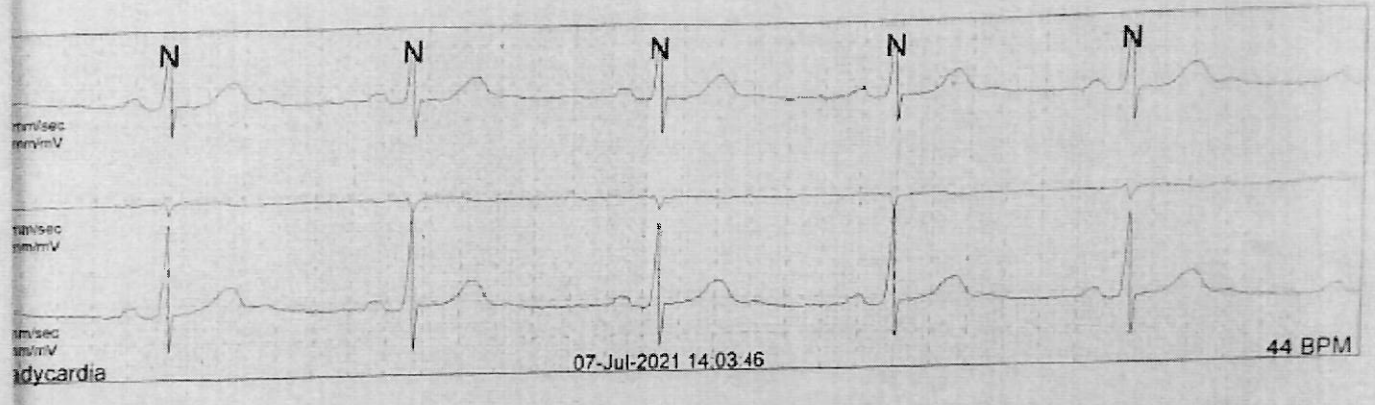
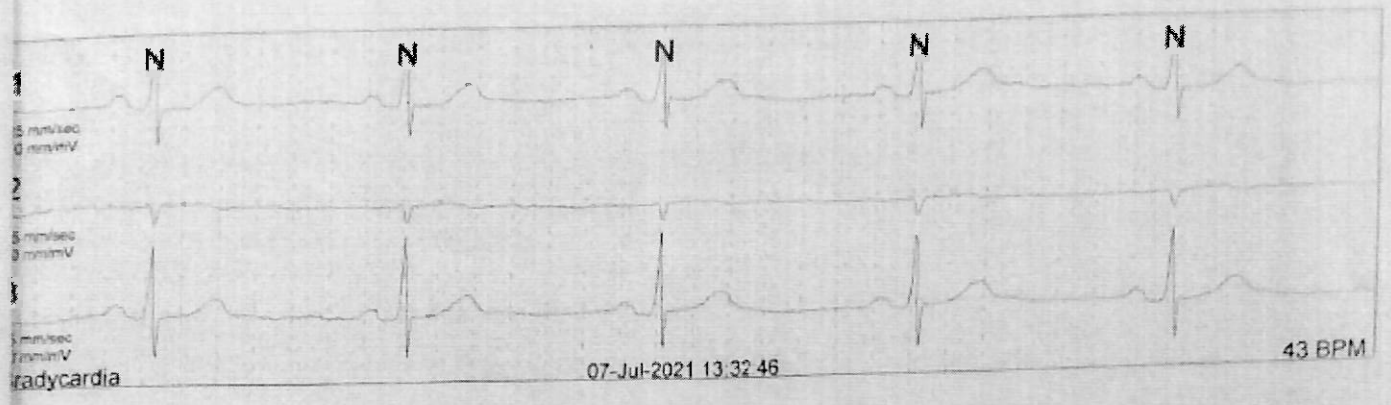
Site JAYPEE HOSPITAL
Location SEC 128 NOIDA
Hookup 07-Jul-2021



Patient: SUDHIR KUMAR,
ID 375586

Site JAYPEE HOSPITAL
Location: SEC 128 NOIDA
Hookup 07-Jul-2021





pt: SUDHIR KUMAR,
20615

Unit Cardio

Site Unknown
Location: Unknown
Hookup: 02-Jul-2015

Hourly Summary

*RR_Pause_Criteria: 2000

Heart Rate

Ventricular

Supraventricular

Hour	Min s Used	Heart Rate				Ventricular				Supraventricular						
		#QRS's	Min.	Ave.	Max	Pauses	Iso	Cplt	Runs	Max Run	Max Rate	Iso	Cplt	Runs	Max Run	Max Rate
20	15	869	50	58	83	0	0	0	0	0	0	1	0	0	0	0
21	60	3692	50	62	80	0	0	0	0	0	0	5	0	0	0	0
22	60	3755	53	63	83	0	0	0	0	0	0	4	0	0	0	0
23	60	3757	53	63	93	0	0	0	0	0	0	8	0	0	0	0
00	60	3449	47	57	78	0	0	0	0	0	0	0	0	0	0	0
01	60	3334	47	56	80	0	0	0	0	0	0	3	0	0	0	0
02	60	3394	46	57	84	0	0	0	0	0	0	1	0	0	0	0
03	60	3540	50	59	82	0	0	0	0	0	0	4	0	0	0	0
04	60	3353	48	56	77	0	0	0	0	0	0	3	0	0	0	0
05	60	3860	52	64	118	0	0	0	0	0	0	2	1	1	7	116
06	60	3886	53	65	88	0	0	0	0	0	0	5	0	0	0	0
07	60	4059	53	68	81	0	0	0	0	0	0	1	0	0	0	0
08	60	3930	56	66	144	0	0	0	0	0	0	4	0	1	12	141
09	60	3861	53	64	80	0	0	0	0	0	0	5	0	0	0	0
10	60	4007	56	67	90	0	0	0	0	0	0	2	0	0	0	0
11	60	4210	59	70	96	0	0	0	0	0	0	4	1	0	0	0
12	60	3694	49	62	85	0	0	0	0	0	0	2	1	0	0	0
13	60	3773	49	63	92	0	1	0	0	0	0	4	1	1	3	106
14	60	3681	50	61	90	0	0	0	0	0	0	2	1	0	0	0
15	60	3597	51	60	80	0	0	0	0	0	0	2	0	0	0	0
16	60	3638	46	61	85	0	0	0	0	0	0	3	0	0	0	0
17	60	3724	53	62	82	0	0	0	0	0	0	1	0	0	0	0
18	60	3908	55	65	81	0	0	0	0	0	0	3	0	0	0	0
19	38	2494	57	66	97	0	0	0	0	0	0	3	0	0	0	0
1373		85465	46	62	144	0	1	0	0	0	0	72	5	3	12	141

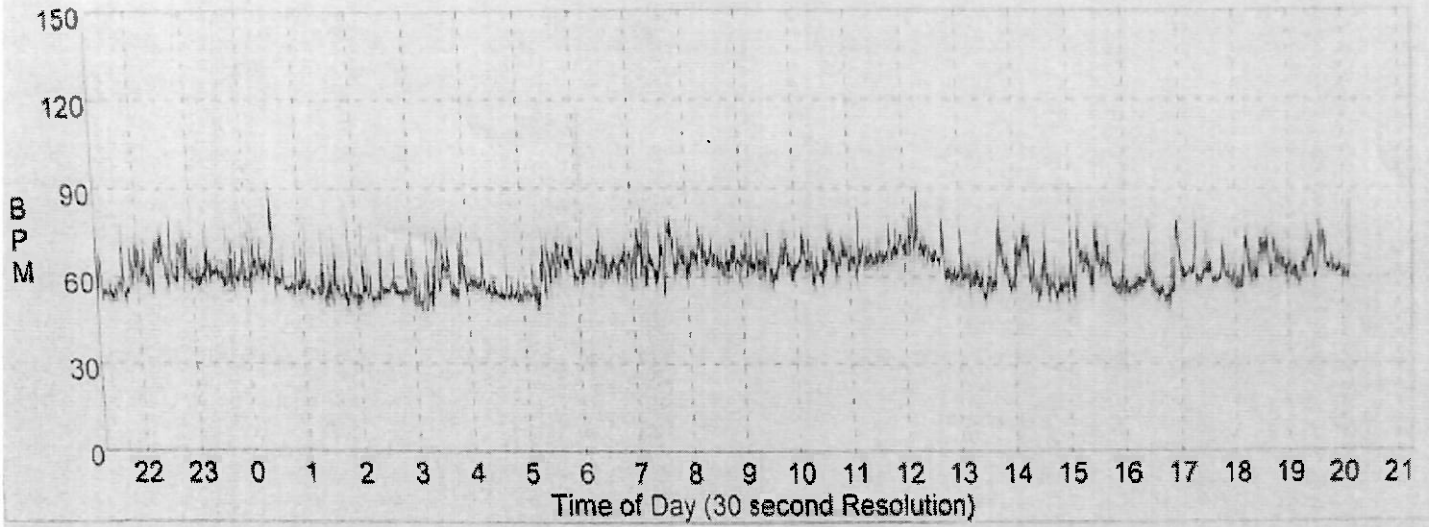
Analyst Comment

Pat: SUDHIR KUMAR,
20615

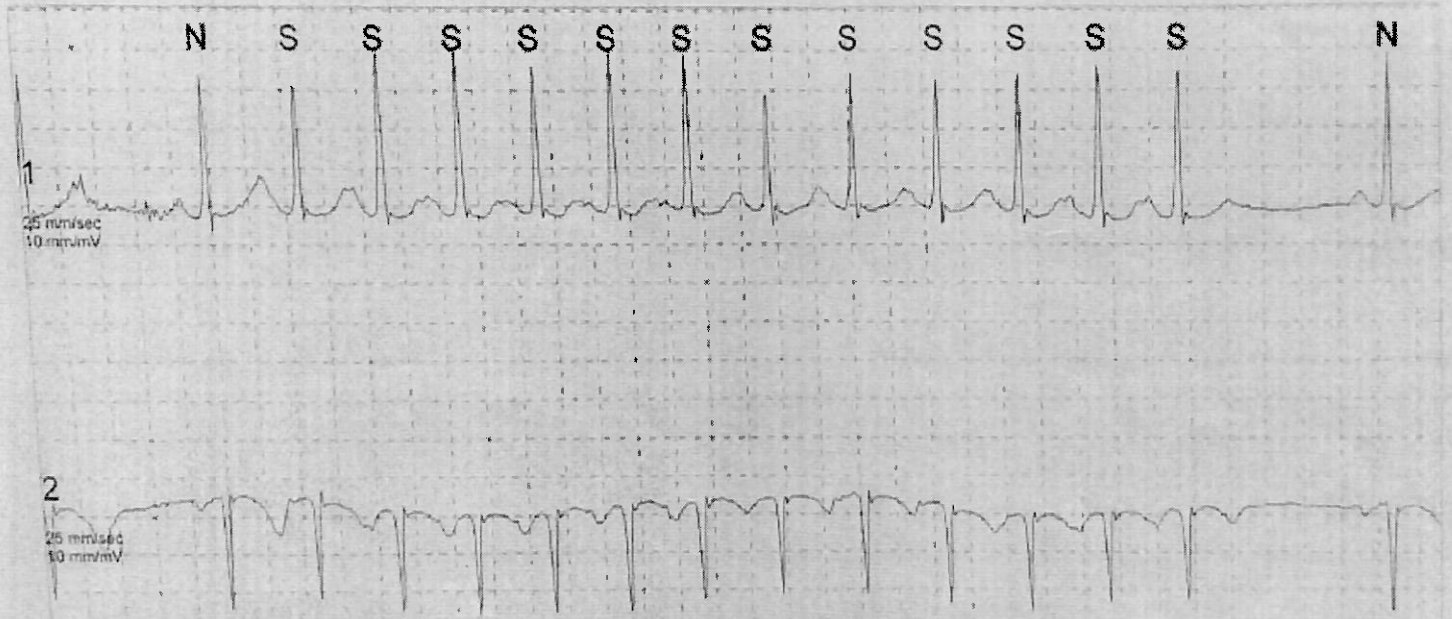
Unit Cardio

Site Unknown
Location Unknown
Hookup 02-Jul-2015

Heart Rate Trend



Max Heart Rate



SVE Run Length 12 beats (141 bpm)

03-Jul-2015 09:10:41

144 BPM

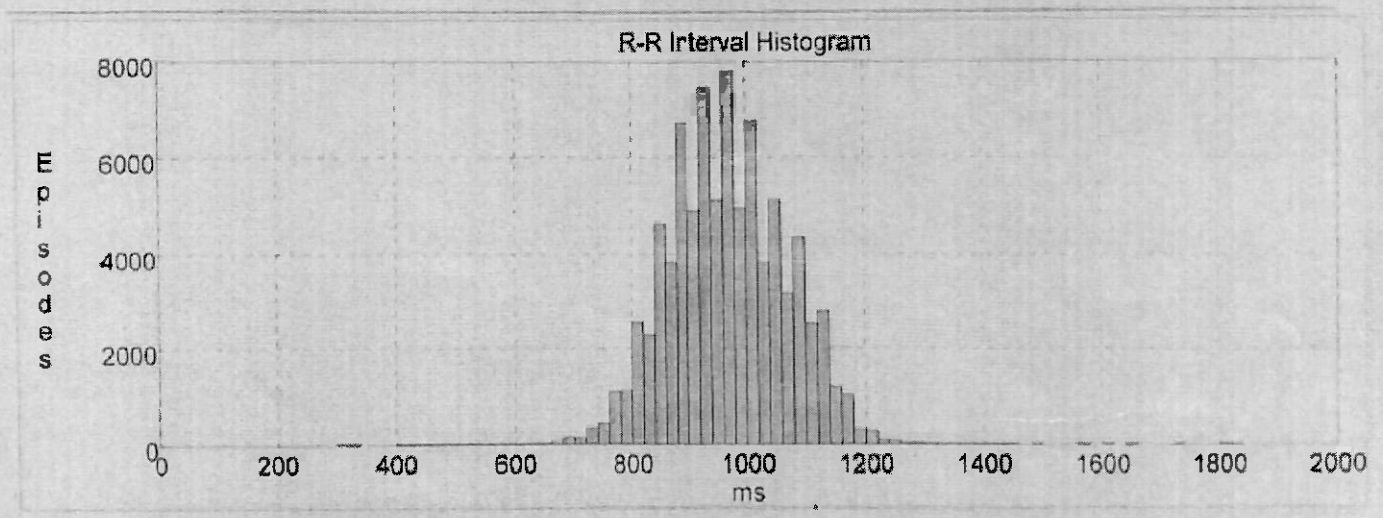
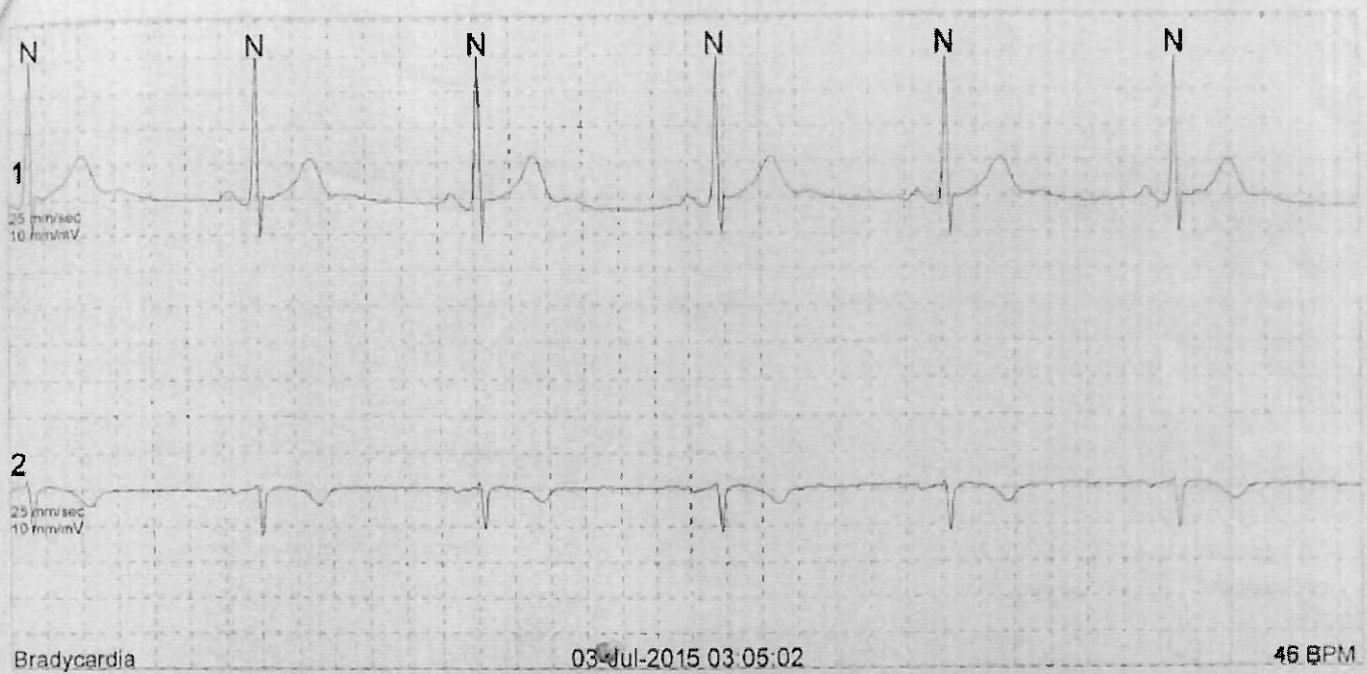
Unit: SUDHIR KUMAR,
20615

Unit Cardio

Unit NON INV

Site Unknown
Location Unknown
Hookup 02-Jul-2015

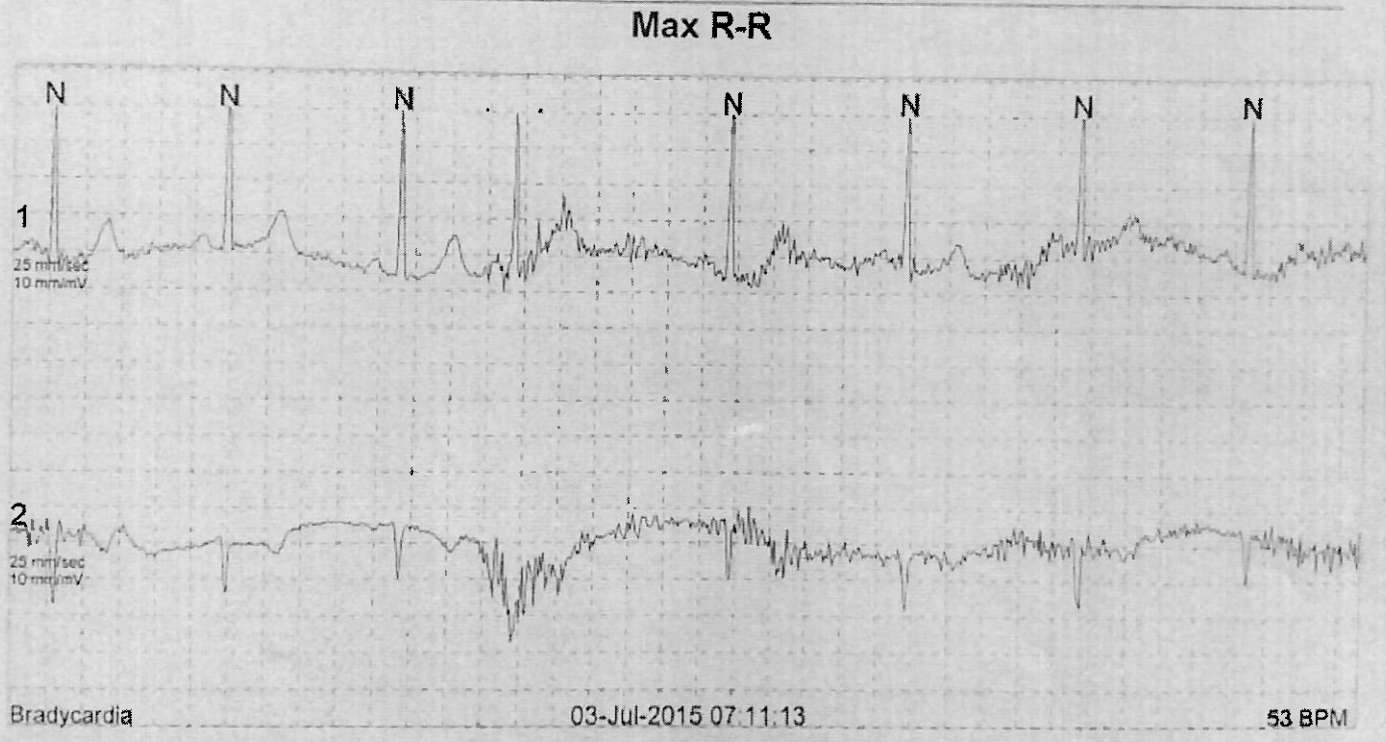
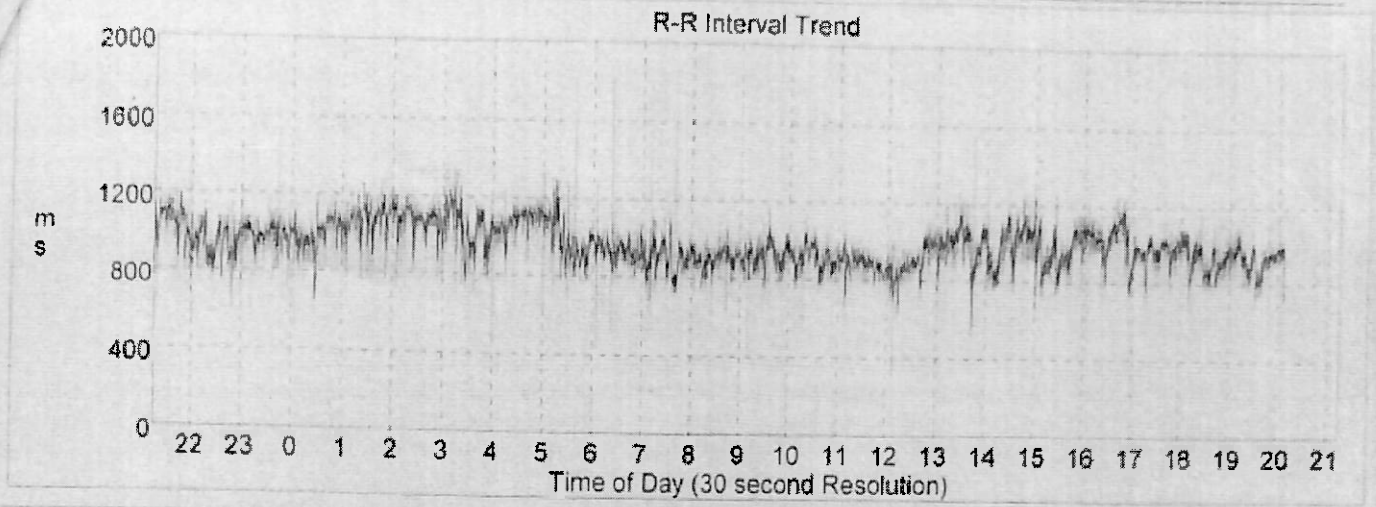
Min Heart Rate



ant: SUDHIR KUMAR,
020615

Unit Cardio

Unit NON INV
Site Unknown
Location Unknown
Hookup: 02-Jul-2015

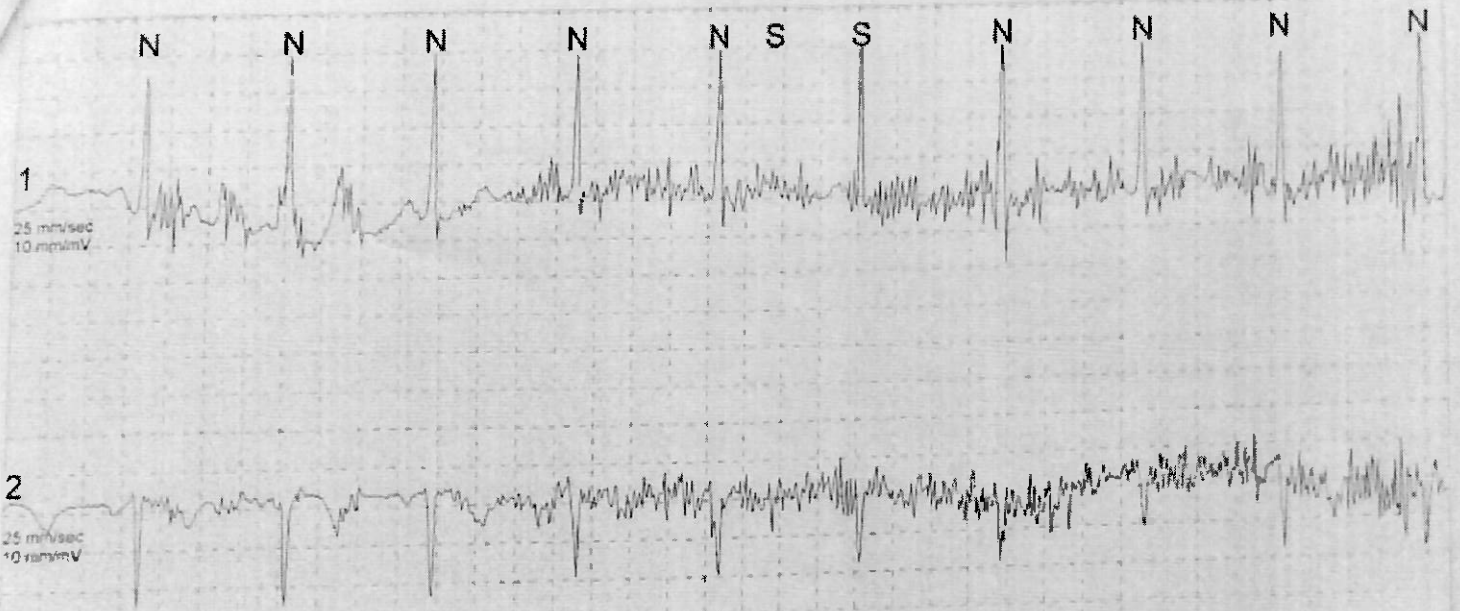


Unit: SUDHIR KUMAR,
20615

Unit Cardio

Site: Unknown
Location: Unknown
Hookup: 02-Jul-2015

Minimum R-R



SVE Couplet

03-Jul-2015 12:08:17

90 BPM

HOLTER REPORT

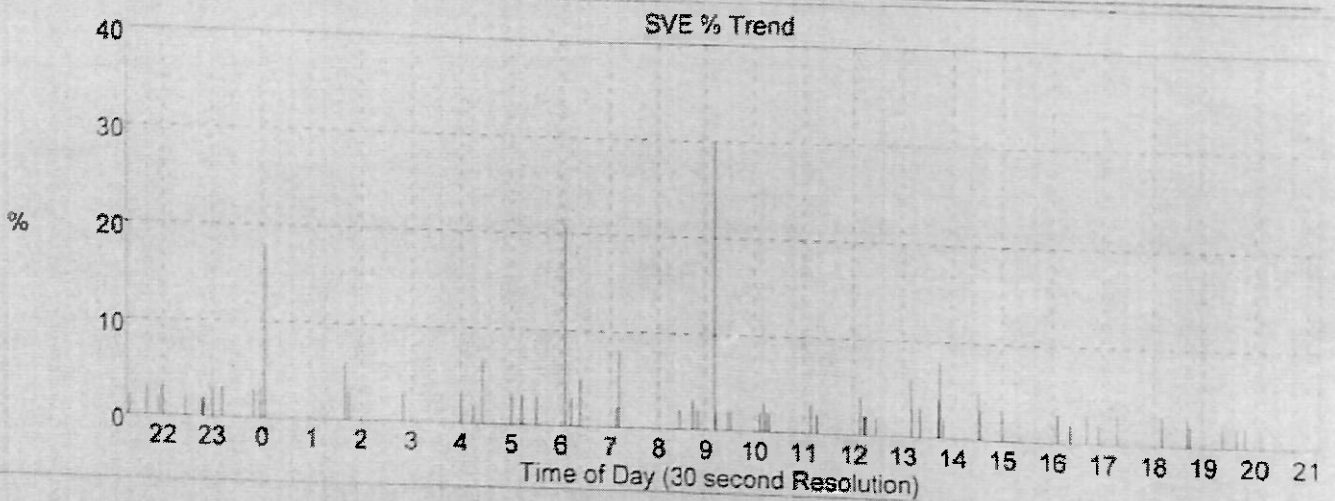
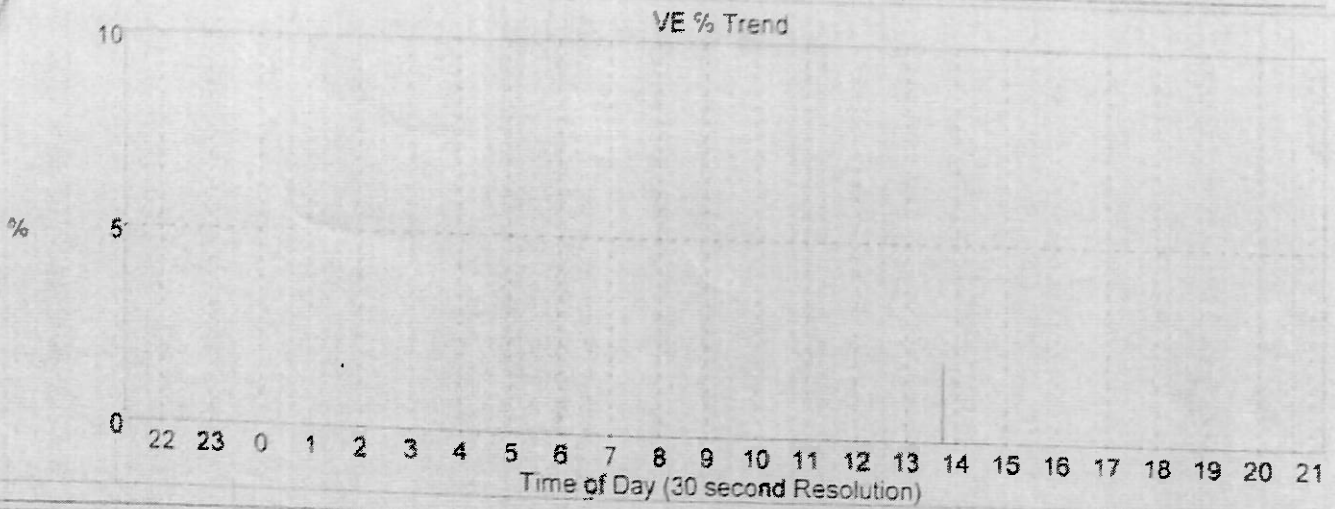
SAHARA

Unit NON INV

Pt: SUDHIR KUMAR,
20615

Unit Cardio

Site: Unknown
Location: Unknown
Hookup: C2-Jul-2015

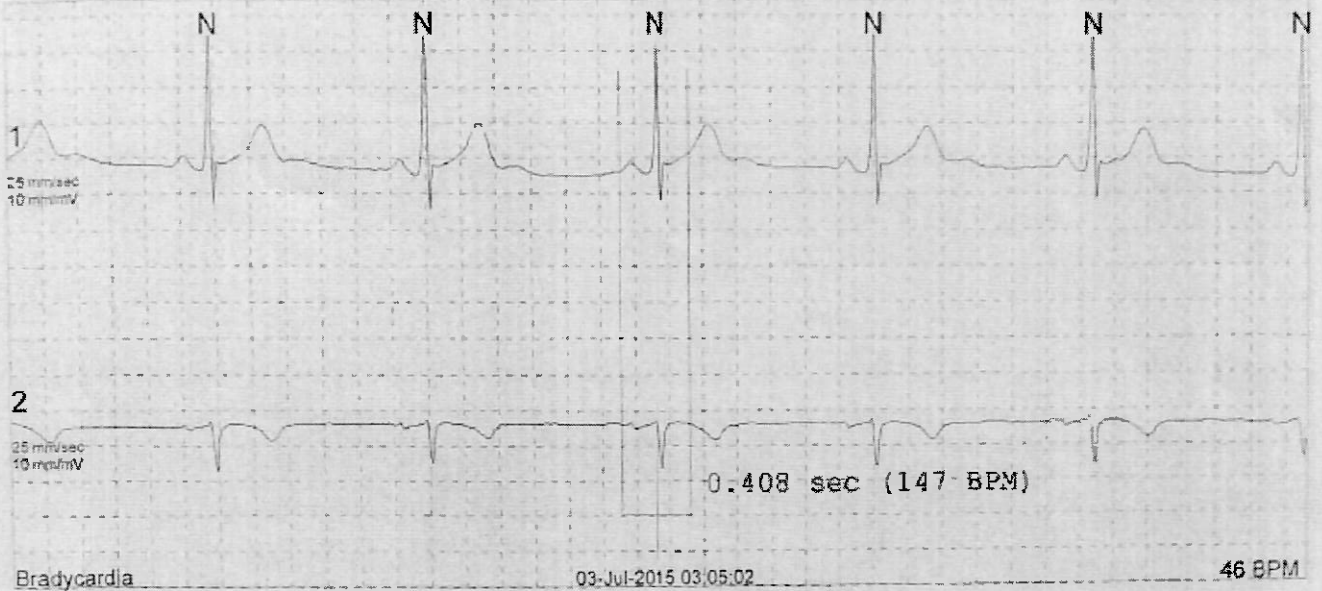


Pat: SUDHIR KUMAR,
20815

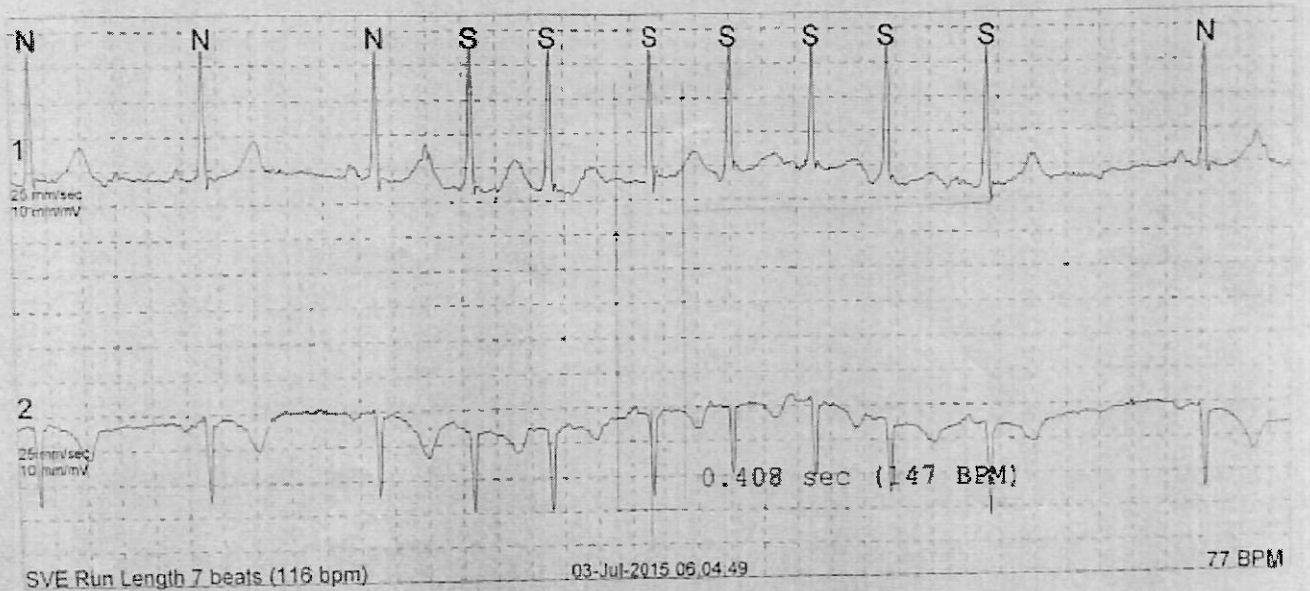
Unit Cardio

Site Unknown
Location Unknown
Hookup. 02-Jul-2015

Sinus Bradycardia



SVE

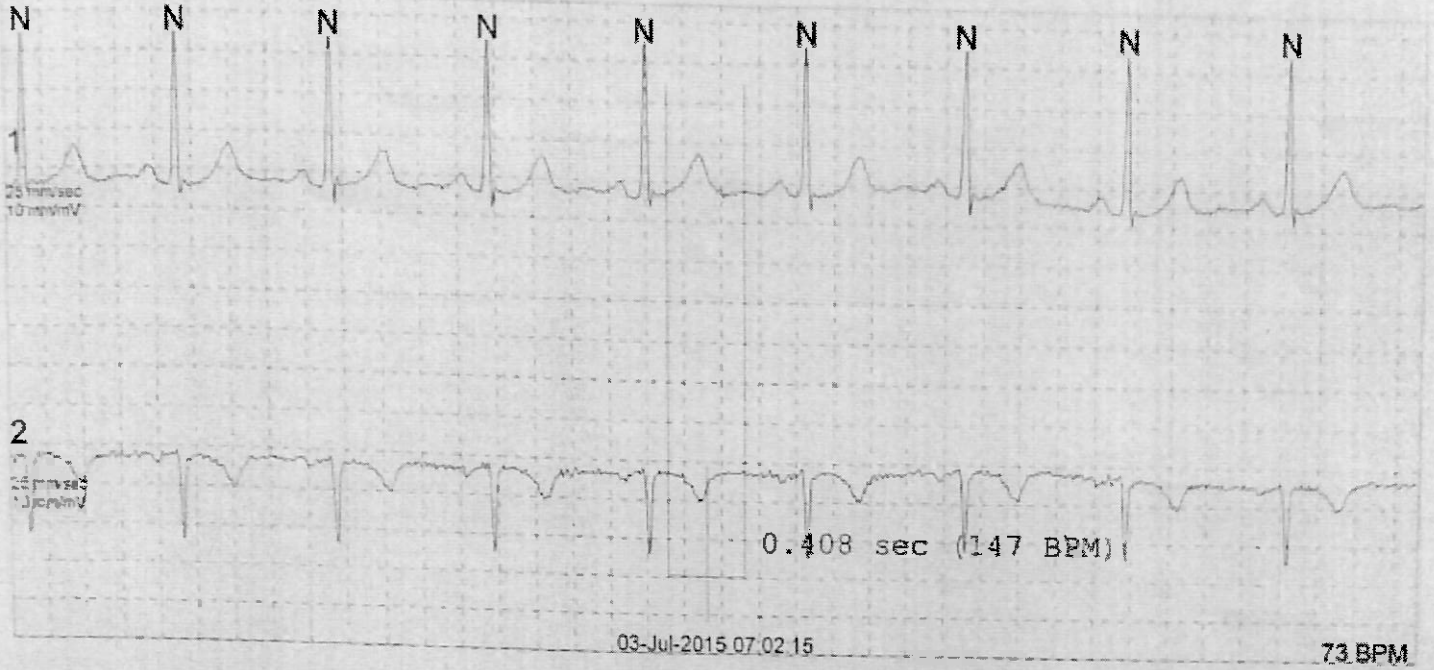


Pt: SUDHIR KUMAR,
20615

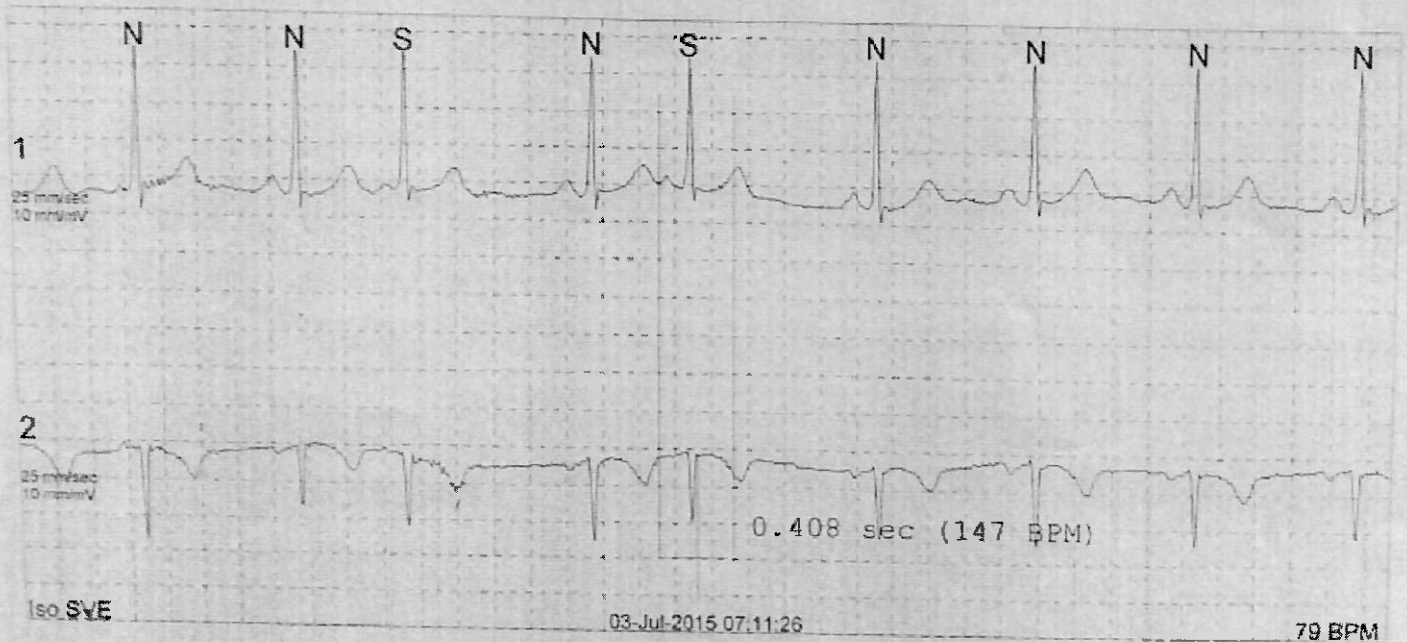
Unit Cardio

Site Unknown
Location Unknown
Hookup 02-Jul-2015

Normal sinus rhythm



SVE

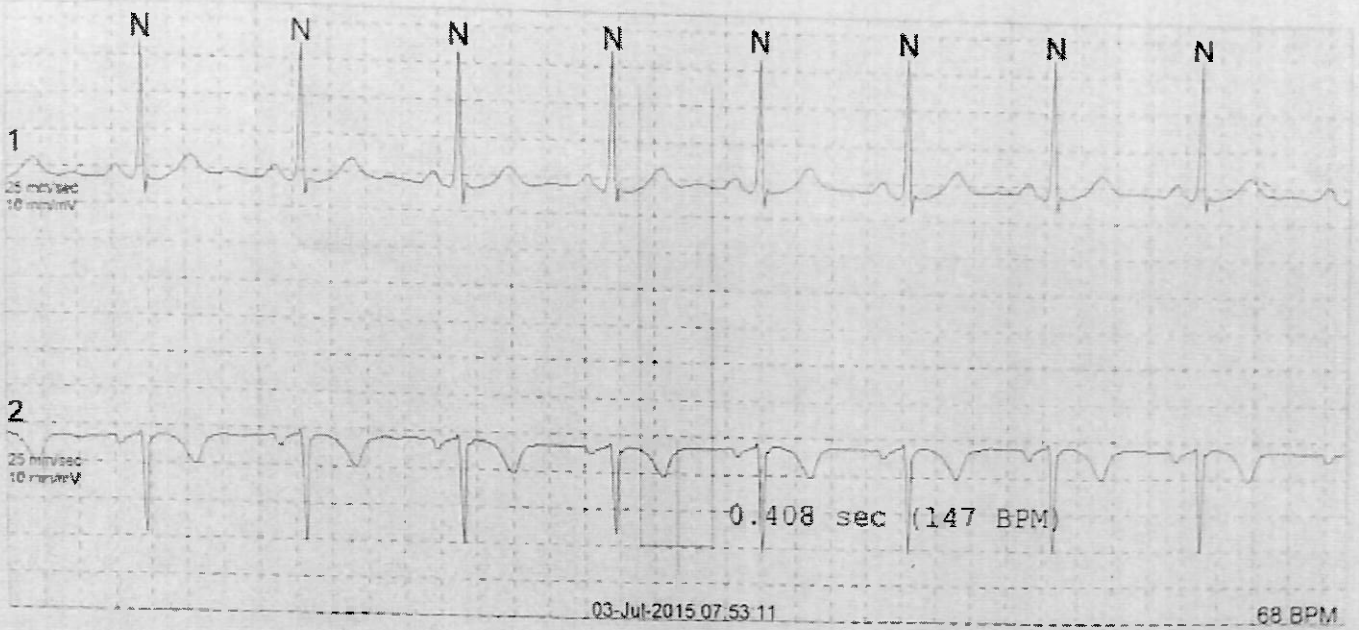


Pat: SUDHIR KUMAR,
20615

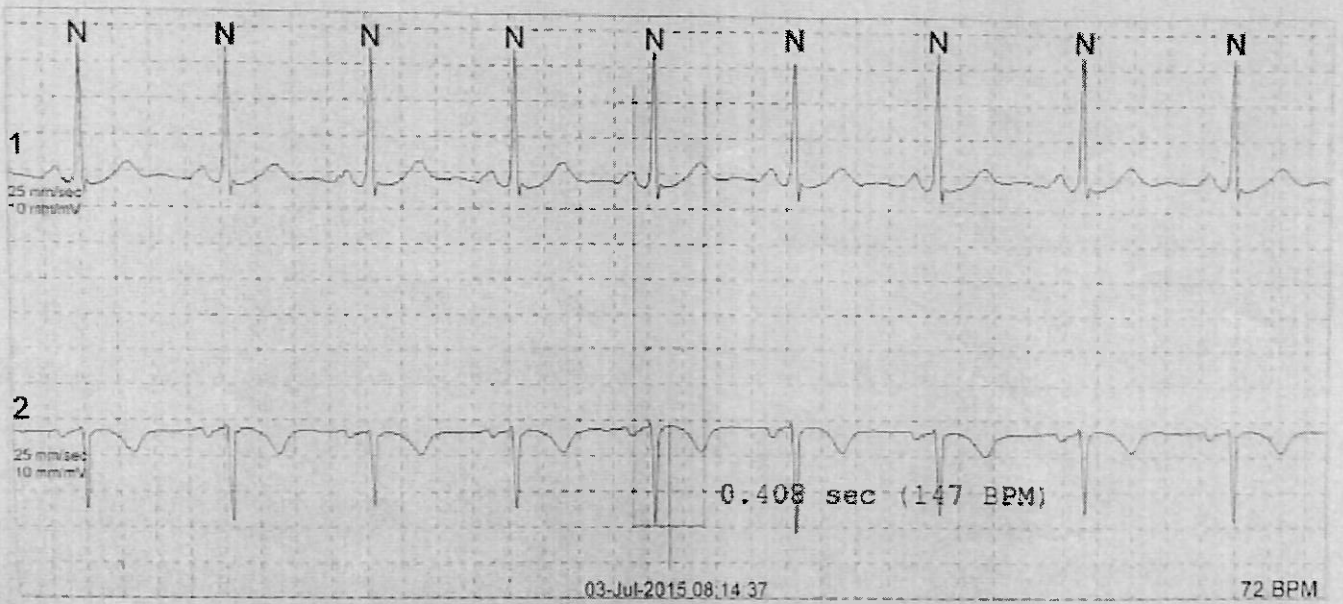
Unit Cardio

Site Unknown
Location: Unknown
Hookup: 02-Jul-2015

Normal Sinus Rhythm



Normal sinus rrythm

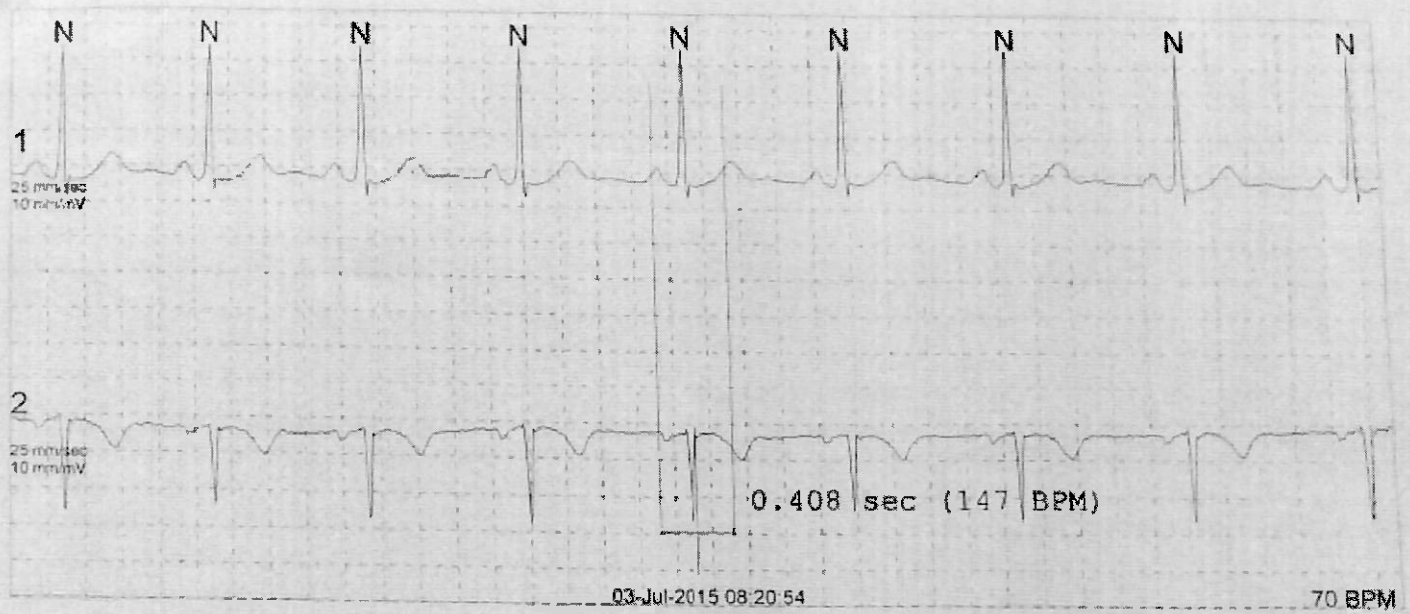


Pat: SUDHIR KUMAR,
20615

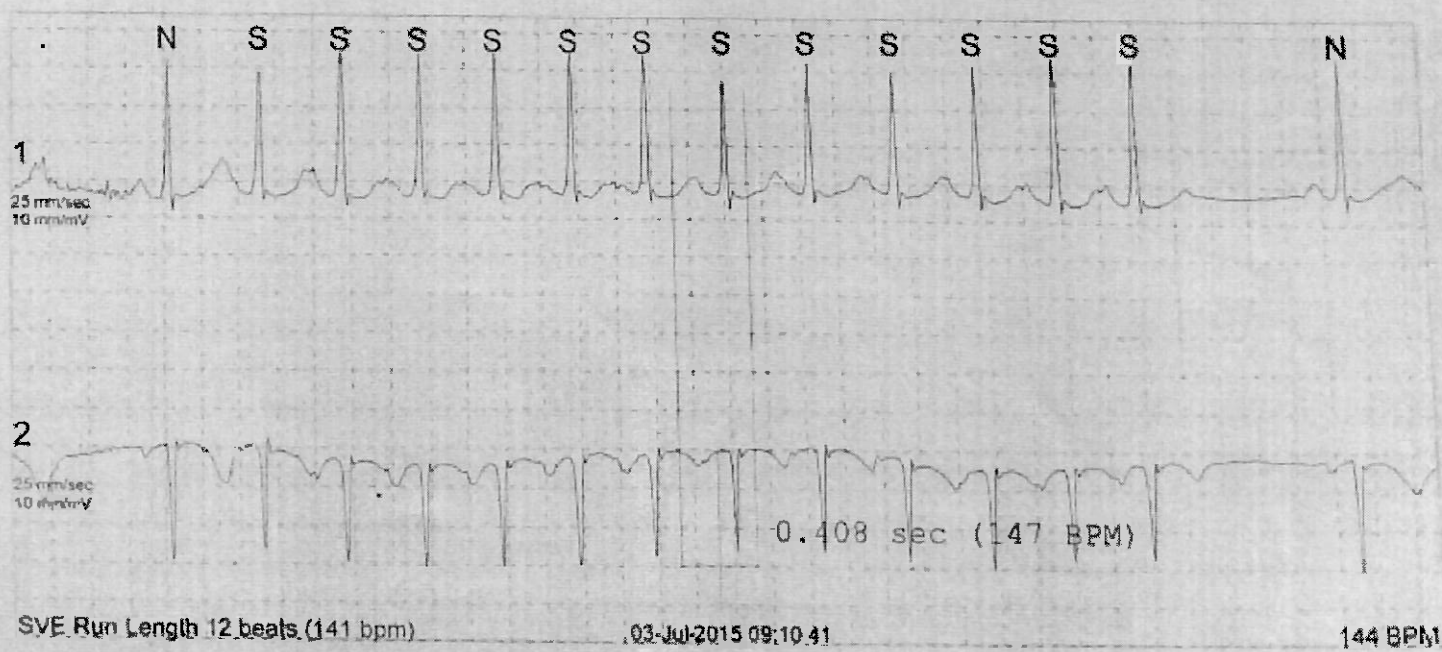
Unit Cardio

Site Unknown
Location Unknown
Hookup: 02-Jul-2015

Normal Sinus Rhythm



SVE



SVE Run Length 12 beats (141 bpm)

03-Jul-2015 09:10:41

144 BPM

Patient Name : Mr. SUDHIR KUMAR	Age / Sex : 62 Yrs Male/ M
OPD/IPD : OPD	Reg. No. :
Referred by : Dr. DINESH ARORA	Bill No : 51560
Collected : 05/03/2020 07:37AM	Lab Ref No. : 2040790
Received : 05/03/2020 07:46AM	Specimen :
Reported : 05/03/2020 01:22PM	Man.Lab No. : 811

Test Name	With In Range	Out Of Range	Biological Reference Range	Unit
ESR (ERYTHROCYTE SEDIMENTATION RATE) <i>(Westergren Method)</i>	15		0 - 15	mm 1st hr.
COMP.HAEMOGRAM(CBC)				
HAEMOGLOBIN <i>(Spectrophotometry)</i>		12.69 (L)	13.0 - 17.0	g/dl
TOTAL LEUCOCYTE COUNT (TLC) <i>(Impedence Method)</i>	6.06		4.0 - 10.0	thousand/uL
PLATELET COUNT <i>(Impedence Method)</i>	195		150 - 410	thousand/uL
MPV <i>(Calculated)</i>	9.9		7.2 - 11.1	fL
HEMATOCRIT (HCT) <i>(Numeric Integration)</i>	39.4		37 - 54	%
RBC COUNT <i>(Impedence Method)</i>		4.17 (L)	4.2 - 6.5	million/uL
MCV <i>(Calculated)</i>	94		83 - 101	fL
MCH <i>(Calculated)</i>	30.44		27.0 - 32	pg
MCHC <i>(Calculated)</i>	32.24		31.5 - 34.5	g/dl
RED DISTRIBUTION WIDTH (RDW) <i>(Calculated)</i>		14.8 (H)	11.5 - 14.5	%
.DIFFERENTIAL LEUCOCYTE COUNT				
SEGMENTED NEUTROPHILS <i>(Cytochemical staining / Light Microscopy)</i>	65.5		40 - 76	%
LYMPHOCYTES <i>(Cytochemical staining / Light Microscopy)</i>	27.3		20 - 40	%
EOSINOPHILS <i>(Cytochemical staining / Light Microscopy)</i>	2.2		1 - 6	%
MONOCYTES <i>(Cytochemical staining / Light Microscopy)</i>	4.8		2 - 10	%
BASOPHILS <i>(Cytochemical staining / Light Microscopy)</i>	0.2		0 - 1	%
# ATYPICAL LYMPHOCYTES <i>(Cytochemical staining / Light Microscopy)</i>	0.8		0.5 - 2.8	%

Dr. SEEMA GUPTA

Dr. TANISH MANDAL

Dr. SHUCHI GHAI

Nehru Rd. CONSULTANT, Sanjay Nagar, Ghaziabad - 201 001 (U.P.)
Tel: 0120-4182000 (30 lines), Fax: 0120-2752168

MD CONSULTANT PATHOLOGIST, YASHODA SUPER SPECIALITY HOSPITAL, Ghaziabad - 201 003 (U.P.)

MD CONSULTANT PATHOLOGIST, YASHODA SUPER SPECIALITY HOSPITAL, Ghaziabad - 201 003 (U.P.) • Ph: 0120-4612000

Encoded By: DEEP CHANDRA

Website: www.yashodahospital.org • For Enquiry: Feedback@yashoda@gmail.com • For Feedback: Feedback@yashoda@gmail.com

Page 1 of 1

Patient Name : Mr. SUDHIR KUMAR	Age / Sex : 62 Yrs Male/ M
OPD/IPD : OPD	Reg. No. :
Referred by : Dr. DINESH ARORA	Bill No : 51560
Collected : 05/03/2020 07:37AM	Lab Ref No. : 2040790
Received : 05/03/2020 07:46AM	Specimen : BLOOD
Reported : 05/03/2020 09:35AM	Man.Lab No. : 811

Test Name	With In Range	Out Of Range	Biological Reference Range	Unit
LIVER FUNCTION TEST				
SGOT, Serum <i>(Modified IFCC)</i>	20		0 - 46	IU/L
SGPT, Serum <i>(Modified IFCC)</i>	23		0 - 49	IU/L
ALKALINE PHOSPHATASE, Serum <i>(Modified IFCC)</i>	110		53 - 141	IU/L
TOTAL PROTIEN, Serum <i>(BIURET Method)</i>		6.1 (L)	6.7 - 8.7	g/dl
ALBUMIN, Serum <i>(BCG Method)</i>	3.9		3.5 - 5.0	g/dl
GLOBULIN, Serum <i>(BCG Method)</i>	2.2		2.0 - 3.5	g/dl
GAMA-GT, Serum		333 (H)	7 - 34	IU/L
BILIRUBIN TOTAL DIRECT, SERUM				
TOTAL <i>(DCA With ATCS)</i>		1.1 (H)	0.2 - 1.0	mg/dl
DIRECT <i>(DCA With ATCS)</i>	0.5		0 < 0.5	mg/dl
INDIRECT <i>(DCA With ATCS)</i>		0.6 (H)	0.2 - 0.5	mg/dl
KIDNEY FUNCTION TEST				
BLOOD GLUCOSE, Serum <i>(GOD-PAP)</i>	100		70 - 140	mg/dl
BLOOD UREA, Serum <i>(Urease GDH Kinetic)</i>	17		10 - 50	mg/dl
CREATININE, Serum <i>(Modified JAFFE)</i>	0.74		0.72 - 1.25	mg/dl
URIC ACID, Serum <i>(Enzymatic)</i>	5.6		3.0 - 7.0	mg/dl
TOTAL PROTIEN, Serum <i>(BIURET Method)</i>		6.1 (L)	6.7 - 8.7	g/dl
ALBUMIN, Serum <i>(BCG Method)</i>	3.9		3.5 - 5.0	g/dl
GLOBULIN, Serum <i>(BCG)</i>	2.2		2.0 - 3.5	g/dl

Dr. SEEMA GUPTA

Dr. TANISH MANDAL

Dr. SHUCHI GHAI

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 Encoded By: SARVESH SHUKLA
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Patient Name : Mr. SUDHIR KUMAR Age / Sex : 62 Yrs Male/ M
 OPD/IPD : OPD Reg. No. :
 Referred by : Dr. DINESH ARORA Bill No : 51560
 Collected : 05/03/2020 07:37AM Lab Ref No. : 2040790
 Received : 05/03/2020 07:46AM Specimen : BLOOD
 Reported : 05/03/2020 09:35AM Man.Lab No. : 811

Test Name	With In Range	Out Of Range	Biological Reference Range	Unit
SODIUM,Serum (ISE)	137		135 - 145	mmol/lit.
POTASSIUM,Serum (ISE)	4.3		3.5 - 5.2	mmol/lit.
CALCIUM,Serum (Arsenaze)	8.8		8.0 - 10.5	mg/dl
PHOSPHOROUS	3.8		2.5 - 4.5	mg/dl
CHOLESTEROL,Serum (CHOD-PAP With ATCS)	132		130 - 200	mg/dl
CHLORIDE,Serum (ISE Direct)	104		98.0 - 115	mmol/lit.

End Of Report

Dr. SEEMA GUPTA

Dr. TANISH MANDAL

Dr. SHUCHI GHAI



Patient Name : Mr. SUDHIR KUMAR Age / Sex : 62 Yrs Male/ M
 OPD/IPD : OPD Reg. No. :
 Referred by : Dr. DINESH ARORA Bill No. : 51560
 Sample Date : 05/03/2020 07:37AM Lab Ref No. : 2040790
 S. Received in Lab : 05/03/2020 07:46AM Specimen :
 Result Date : 05/03/2020 12:59PM Man.Lab No. : 811

SEROLOGY

* Test	Result	Units	Ref Range
MICROALBUMIN, URINE, MAU	28.0	mg/L	
<hr/>			
Category	Reference Range in mg/L		
Normal / Non diabetic	< 30		
Microalbuminuria	30 - 300		
Clinical albuminuria	> 300		

Note . It is recommended that at least two of these specimens collected within a 3 -6 month period be abnormal before considering a patient to be within a diagnostic category.

Clinical Use :

- * Early detection of diabetic nephropathy.
- * Therapeutic monitoring of patient with Nephropathy.
- * Routine management of patient with Diabetes.

Only Tests Marked With * are Not Accredited by NABL

End Of Report

Technologist	Dr. SEEMA GUPTA	Dr. TANISH MANDAL	Dr. SHUCHI GHAI
	MD	MD	MD
	CONSULTANT PATHOLOGIST	CONSULTANT PATHOLOGIST	CONSULTANT PATHOLOGIST

Encoded By: ASHWANI KUMAR DIWAKAR

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Patient Name : Mr. SUDHIR KUMAR	Age / Sex : 62 Yrs Male/ M
OPD/IPD : OPD	Reg. No. :
Referred by : Dr. DINESH ARORA	Bill No. : 51560
Sample Date : 05/03/2020 07:37AM	Lab Ref No. : 2040790
S. Received in Lab : 05/03/2020 07:46AM	Specimen : BIOGD
Result Date : 05/03/2020 09:52AM	Man.Lab No. : 811

BIOCHEMISTRY

Lipid Profile

INVESTIGATION NAME	RESULTS	Biological Reference Interval
CHOLESTEROL (CHO-PAP With ATCS Method)	132	

Suggested risk for CAD

Levels (mg/dl)
 <200
 200-240
 >240

Interpretation
 Desirable
 Borderline risk
 high risk

Comments:

- Determination of cholesterol is one of the important tools in the diagnosis and classification of hyperlipidemia. Elevated levels are seen with
- Hypercholesterolemia Type I & IV
 - Hyperlipoproteinemia
 - Hypothyroidism
 - Poorly controlled Diabetes mellitus
 - Alcoholism
 - Biliary cirrhosis

INVESTIGATION NAME	RESULTS	Biological Reference Interval
TRIGLYCERIDES (GPO-PAP Method)	95	

Suggested risk for CAD

Levels (mg/dl)
 <160
 160-199
 200-499
 >500

Male (40-160 mg/dl)
 Female (35-135 mg/dl)

Interpretation
 Normal
 Borderline risk
 High
 Very high

Comments: Elevated levels can be seen with

- Overnight fasting less than 12 hrs.
- Non insulin dependent Diabetes mellitus
- Hepatitis

Technologist **Dr. SEEMA GUPTA**

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