Holter System :

Holter DMS300-3A

DMS300-4A

DMS300-4AL

All Items include in one set:

Item	Quantity (pc)
Security Key/Analyze Software	1
Manual	1
Disposable Electrode	1
Holter Recorder	1
Holter Cable	1
Pouch	1
Manual	1
SSS Cable	1

Models:

DMS300-3A: 3 channel, record max to 7 days
DMS300-4A: 12 channel & 3 channel, record max to 3 days
DMS300-4AL   12 channel & 3 channel , record 24 hours,with LCD Screen

Details

Multi-days Holter Recorders (3-7 days)

Model: DMS300-3A	Model: DMS300-4A	Model: DMS300-4AL
Functions & Features:	**Functions & Features:**	**Functions & Features:**
Multi-day Holter recorder up to 6 days	**Multi-day Holter recorder up to 3 days**	**Holter recorder up to 24hours**
256-4096 Hz sample rate	**256-4096 Hz sample rate**	**Read 4096 Hz, write 128 Hz**

Holter recorder's playback time is less than 3 minutes	Holter recorder's playback time is less than 3 minutes	Holter recorder's playback time is less than 2 minutes
1 AAA battery power supply	1 AAA battery power supply	1 AAA attery power supply
Standard 3 channel Holter recorder (5 or 7 leads wires)	Standard 12 channel Holter recorder (10-lead wires)	Standard 3 and 12 channel Holter recorder(7 leads and 10 leads wire)
Event button to record patient abnormal events	Event button to record patient abnormal events	Event button to record patient abnormal events
Isolation USB playback cable to view ECG wave in real time	Isolation USB playback cable to view ECG wave in real time	LCD Screen to see real-time ECG Wave, heart Rate, Time, power status, Ecg cable status, Respiration Rate
Connect Holter recorder with PDA by USB playback cable to view & print ECG wave in real time	Connect Holter recorder with PDA by USB playback cable to view & print ECG wave in real time	Separate SAECG file recording at 1024 Hz and 16-bit.
Support SAECG (VLP) function		Support SAECG (VLP) function
Portable, environment friendly design	Portable, environment friendly design	Portable, environment friendly design
Technical specification:	Technical specification:	Technical specification:
Lead: Standard 3 leads(5 or 7 leads wires)	Lead: Standard 12 leads(10 leads wires)	Lead: Standard 12 leads(10 leads wires) Standard 3 leads(7 leads wires)
Resolution: 8 or 12 bits	Resolution: 8 or 12 bits	16 bits
Sampling rate: 256-4096Hz read, write 128Hz	Sampling rate: 256-4096Hz read, write 128Hz	Sampling rate: 4096-10240 read , write 128 Hz
Memory: ≥256MB	Memory: ≥256MB	4GB

|		
Playback time: ≤ 3 minutes	Playback time: ≤ 3 minutes	Playback time: ≤ 3 minutes
Record time: Multi days	Record time: Multi days	CMRR: > 60 dB
ECG data deletion: Two deletion methods: Inserts the new battery to delete the ECG files, USB playback deletes the ECG files	ECG data deletion: Two deletion methods: Inserts the new battery to delete the ECG files, USB playback deletes the ECG files	ECG data deletion: Two deletion methods: Inserts the new battery to delete the ECG files, USB playback deletes the ECG files Or use card reader to read memery card
Power supply: 1 AAA alkaline battery	Power supply: 1 AAA alkaline battery	Power supply: 1 AAA alkaline battery
Dimensions: 88×55mm×21mm	Dimensions: 88×55mm×21mm	
Weight: ≤ 100 grams	Weight: ≤100 grams	

Features of Holter System (Software)

| |
|---|
| 1. Original color printed report, can print color printed ECG reports. |
| 2. Support USA HL7interface, support DICOM port, support Germany GDT format, support Microsoft SQL network interface, compatible with network protocol in future. |
| 3. Support different doctors' custom conclusion, and can read out Automatically. |
| 4. Support doctors' digital signature |
| 5. Support self-designed head letter in the first page of report, hospitals can design their different special head letter. |
| 6. Support Holter Satellite System, can set up analysis center at central hospitals. |
| 7. MEGA Scan color printed and arythmias color marked |
| 8. Patients' information enroll function, can pre-record the patients' information into the recorder, to avoid data mix up. |
| 9. Pacemaker page scan function, can look through the patients' pacemaker data quickly. |
| 10. Auto Baseline Straightening fuction during the whole period |
| 11. Auto atrial fibrillation and atrial flutter analysis. |
| 12. Auto save various arythmias ECG sections. |
| 13. Strong analysis function of ST, 12 lead ST tendency chart comparison, doctors can re-analysis any ST section, Lively 3D ST graph apply you a clear idea about the Cardiogram. |
| 14. QT/QTc Analysis Validation Program. |
| 15. Unique DMS Function Sleep Apnea Monitoring with detection of SAS episodes. |
| 16. High-performance advanced pacemaker analysis fuction, fit to VVI   AAI   DDD etc various types of pacemakers. Auto notify and analysis the fail pace-making, atrioventricular sequential pacing, ventricular pacing, ventricular fusion wave etc. |
| 17. PDF Outputs for Immediate E-Mail achieve the ECG data and reports share to different doctors and carry out remote consultation. |
| 18. Strong data base management function, can use different terms to complete data's retrieval and accessibility, PDF Outputs for EMR (Electronic Medical Records) |
| 19. Support many countries languages like: Chinese, English, French, German, Spanish, Russian, Italian, Portuguese, Hungarian, Polish etc. |
| 20. Newest Window 7/Vista/XP compatible. |

A. Basic Block

1. **Interface**
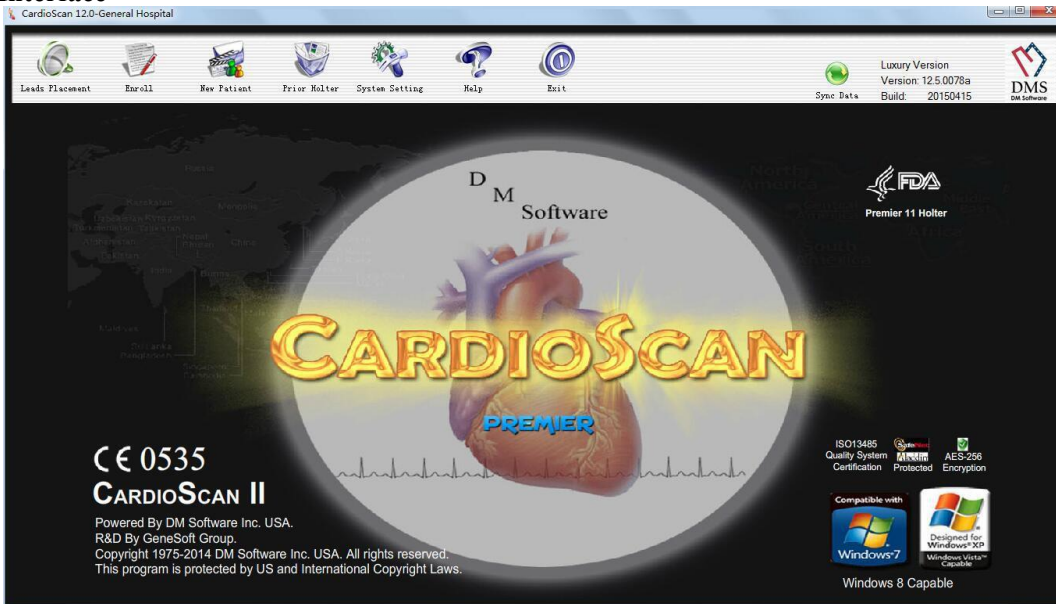
Our Software Engineer Team will maintain and upgrade the software at regular intervals,make sure you can use the most advanced technology and stable software.
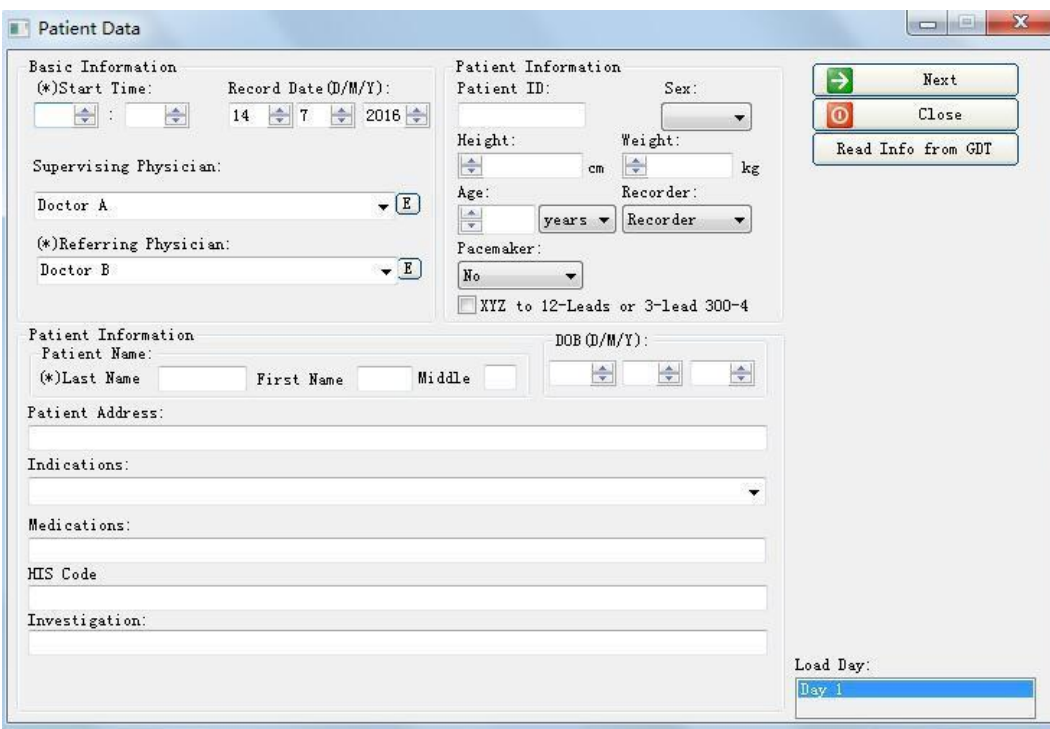
2.**Leads Placement**
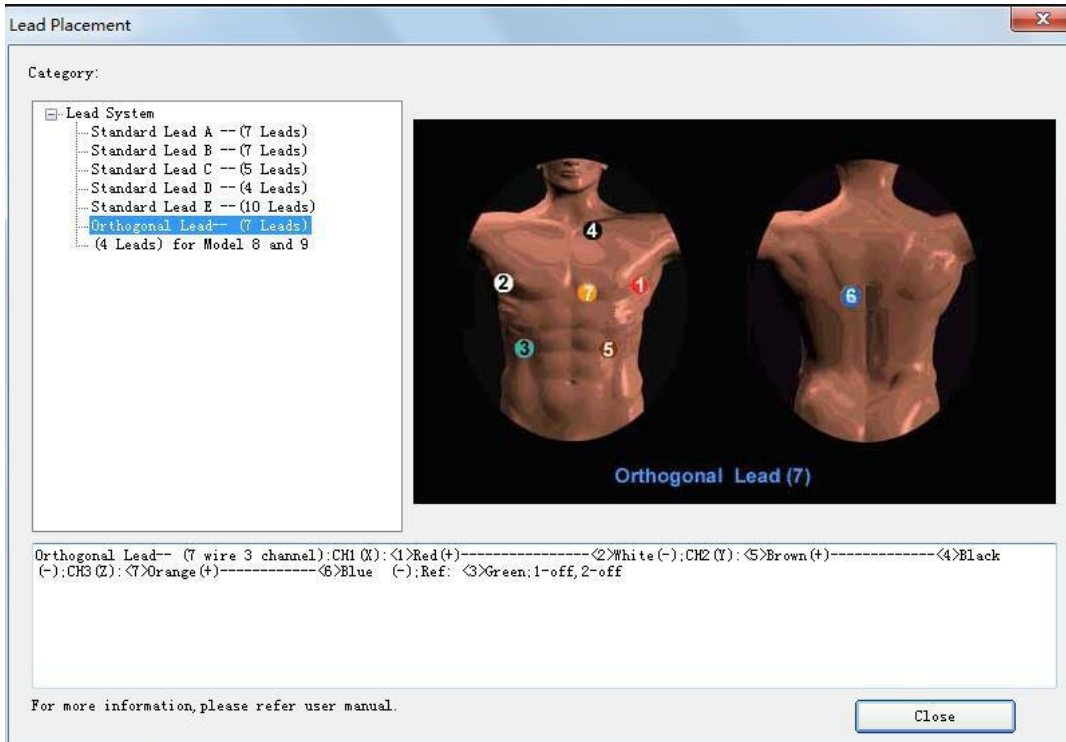
There are several Standards for doctor to choose,you can choose the suitable one for your patients.

3. **Enroll**
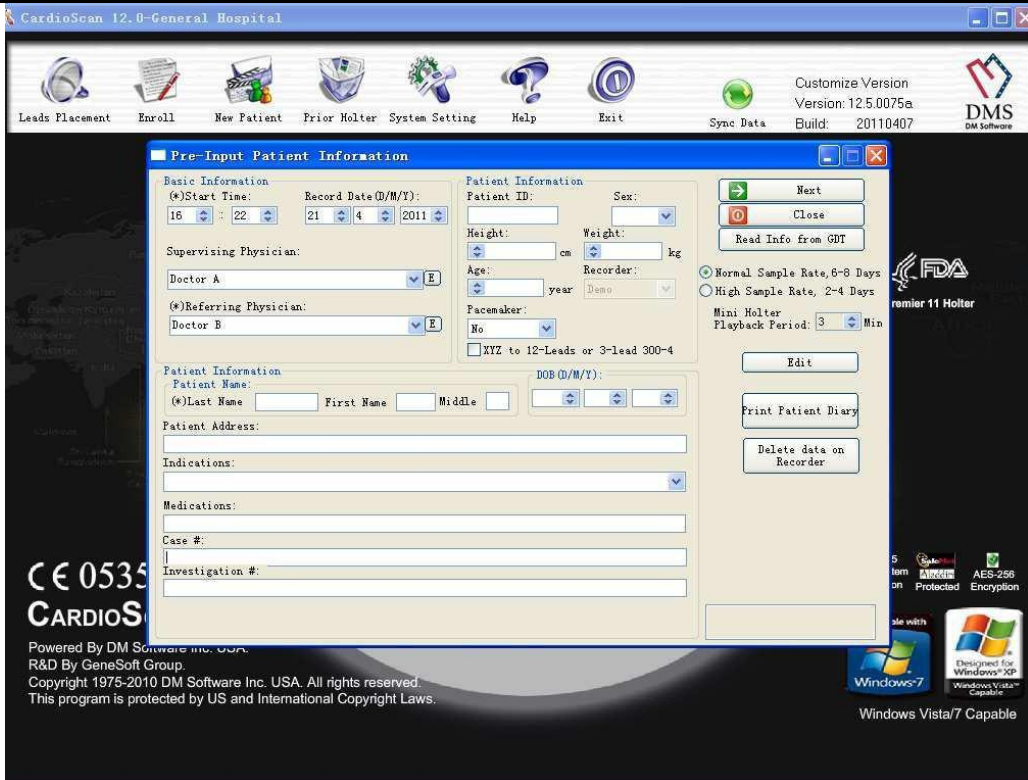
Our System can connect to the Hospital Information Systems,different department can share the information,Enroll is a special function for hospital used.

4.New Patient

Before the testing,doctor need to type the patient's information into the system,to set up a profile,all the patients data will be stored in the hospital system.
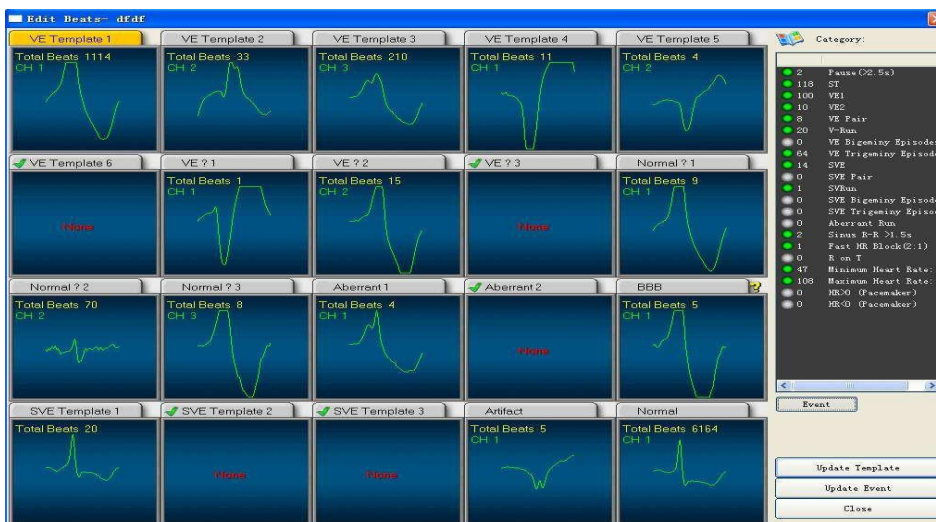
5. System Setting

You can set you hospital information,system language and report mode and special demands in the system setting.
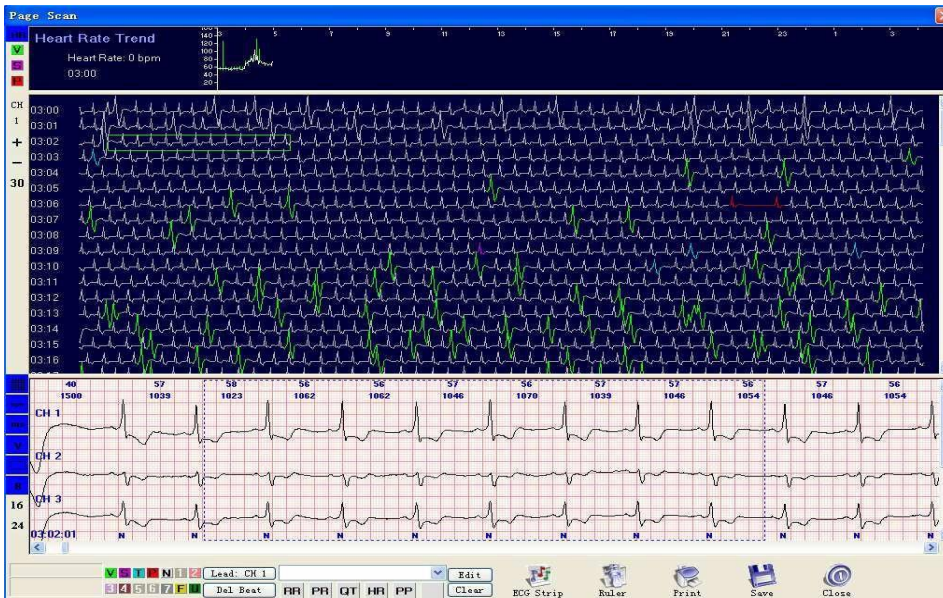
B. Data Access Functions

Edit, Page Scan, Mega Scan, QT Validation, A-Fib/Flu, HRV, ST Scan, ECG Strip, Hourly, Report, Re-Analy
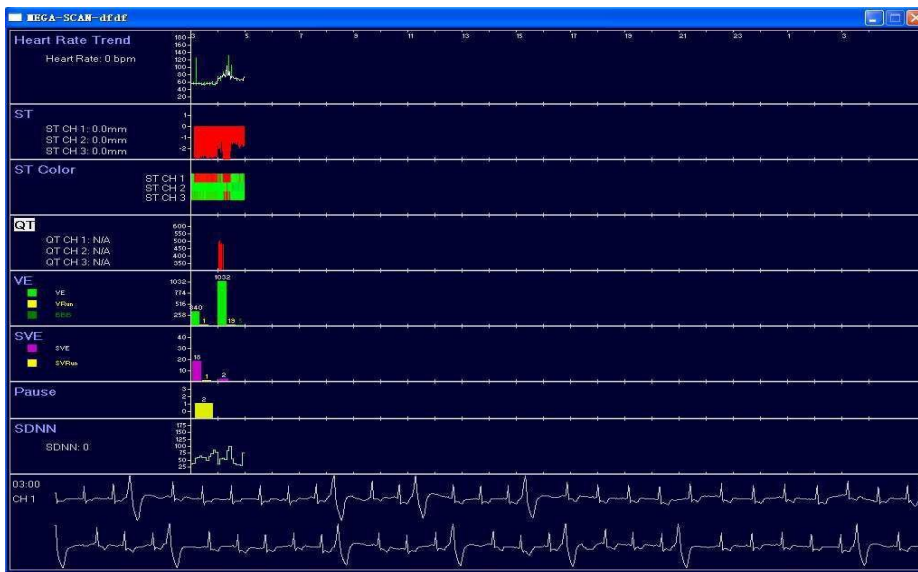

1. **Edit**
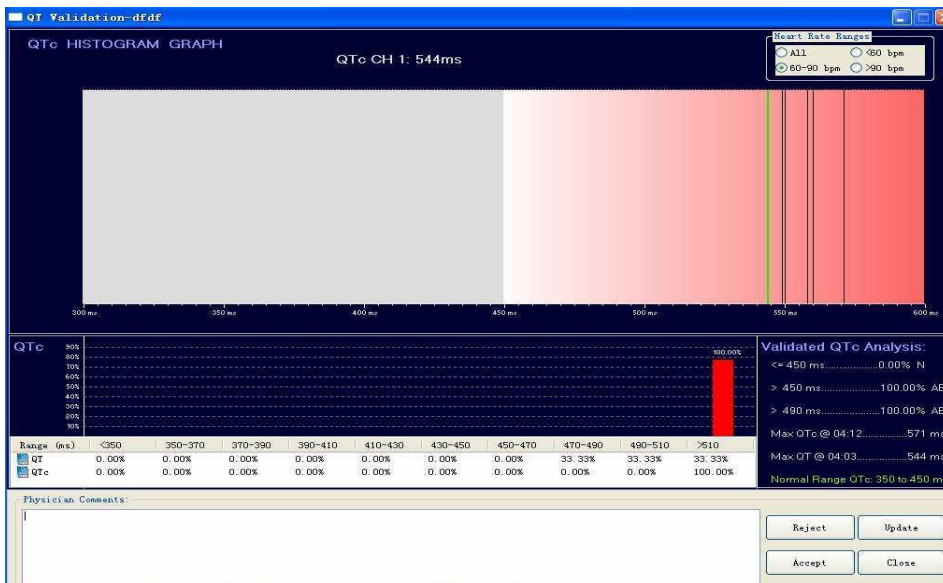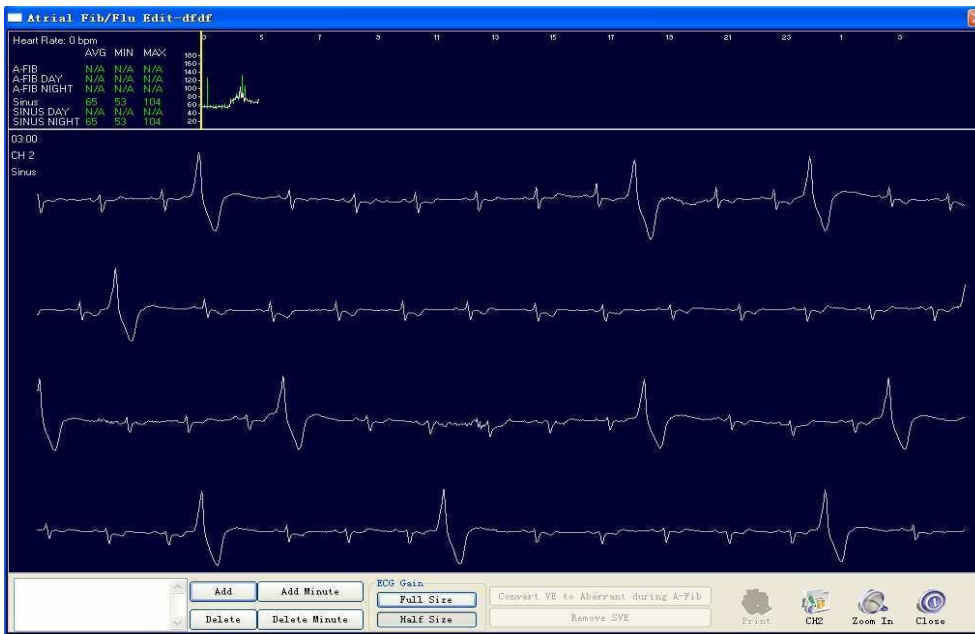

2. **Page Scan**

3. Mega Scan

4. QT Validation

5.Atrial Fib

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VENTE DE CONSOMMABLES ET D'APPAREILS MÉDICAUX
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6. HRV

7. ST Scan

8. ECG Strip

9.Hourly

Time	Total Beat	Avg HR	Min HR:	Max HR:	ST-1	ST-2	ST-3	VE	VE Pair	V-Run	Pause	SVE	SV-Run	SV-Bigemin
6:06	3028	56	47	64	0.0	-0.9	-4.8	319	11	1	2	16	1	0
7:00	4410	73	49	107	3.9	-4.3	-7.0	1075	52	13	0	9	0	0
8:00	417	70	59	81	4.1	-1.3	-5.1	85	0	2	0	0	0	0
9:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
10:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
11:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
12:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
13:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
14:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
15:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
16:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
17:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
18:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
19:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
20:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
21:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
22:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
23:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
0:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
1:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
2:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
3:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
4:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
5:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
6:00	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0
Totals	7855	66	47	107	4.1	-4.3	-7.0	1479	63	16	2	25	1	0

10. Report

DMS Co.,Ltd
renfeng
Phone: 18825188139   Fax: 18825188139
HOLTER ECG REPORT SUMMARY

Recording Start Date: 4/5/2016
Recording Start Time: 6:06

Patient Name: 123 123
Address:
Pacemaker: None
Supervising Physician: Doctor A
Indications:
Medications:

ID#:
Age: ___ DOB: ___ Sex: ___
Weight: ___ Height: ___
Referring Physician or Facility: Doctor B

HEART RATE
Minimum HR-4 Intervals:	47 bpm at 6:57
Maximum HR-4 Intervals:	107 bpm at 7:26
Average HR-24 Hours:	66 bpm
Minimum HR-Hourly:	56 bpm at 6:00
Maximum HR-Hourly:	78 bpm at 7:00
Analyzed Beats:	7855
Analyzed Minutes:	119
ECG Monitoring Period:	2小时0分钟

VENTRICULAR ECTOPY
VE Total:	1479
V-Pair Total:	63
V-Run Total:	16(总计心搏 66)
Longest V-Run:	63
Maximum HR V-Run5心搏192 bpm (07:49:29)
Minimum HR V-Run: 3心搏89 bpm (07:32:27)
VE's per 1000/per Hour:	189.81/739.50
Ventricular R on T:	无

HEART RATE VARIABILITY
SDNN-24 Hour:	156
SDANN Index	139
SDNN Index	57
rMSSD:	38
pNN50:	13
Spectral Power-24 Hour:	3164.7
Min Spectral Power Hour:	1417.4
Max Spectral Power Hour:	3567.5

ST SEGMENT ANALYSIS
Total ST Minutes CH1:	0
Total ST Minutes CH2:	11
Total ST Minutes CH3:	0
Max Abs. ST Depression:	-4.3 于 07:27@CH2
Max Abs. ST Elevation:	无
Max ST Episode:	71 分钟于 6:06
Max HR In ST Episode:	105

SUPRAVENTRICULAR ECTOPY
SVE Total:	25
SVE Pair Total:	0
SV-Run Total:	1(总计心搏 6)
Longest SV-Run:	6心搏93 bpm (06:43:10)
Maximum HR SV-Run6心搏93 bpm (06:43:10)
SVE's per 1000/per hour:	3.21/12.50
Total Aberrant Beats/Runs:	0/0
Atrial Fib/Flutter:	0.0%

PAUSES
Pauses in Excess of 2.50 sec:	2
Max Pause:	3.38 sec at 06:36

QT
Max QT:	295 ms (导联3)
Max QTc:	323 ms
Time of Max QT:	于 07:13. HR 81 bpm.
IdioV	1

SIGNIFICANT ECG EVENTS
07:39 V-Run
06:43 SV-Run
06:36 Pause
06:57 Min HR
07:26 Max HR
07:19 ST Segment
Spectral HRV — Power:3164.7 VLF:2248.0 LF:761.6 HF:120.7
24 Hours R-R Interval-All Heart Rates

CONCLUSIONS
平均心率是 66 bpm. 分析的心搏数为 7855个. 最慢心率是 47 bpm. 发生于 06:57. 最快心率是 107 bpm

07:26. 大于 2.50 秒的停搏是 2个. 室性早搏有1479个,其中有1287个单发室早,63次成对室早和16阵宽连,有0阵室
性二联律和63阵室速
结论描摘 ...