

MFER is easy and simple

The MFER specification is simple.

- Is it difficult to understand the specification for you?
- ◆ It is quite easy that implementation and validation.
- Standard 12 lead ECG is completely described with only nine tags

Data	Туре	Length	Contents
08 01 01	08 Waveform identifier	1	Standard 12 lead ECG
0B 04 01 FD 00 01	OB Sampling frequency	4	Sampling interval=1ms
0C 04 00 F7 03 E8	OC Sampling resolution	4	Resolution(volt)=1µV
04 04 00 00 00 01	04 Data block length	4	Block length=1
05 04 00 00 00 08	05 Channel number	4	Channel=8
06 04 00 00 27 10	06 Sequence number	4	Sequence=10000
3F 00 03 09 01 01	3F Channel(0) attribute	3	
09 01 01	09 Waveform or lead name	1	Lead I
3F 01 03 09 01 02	3F Channel(1) attribute	3	
09 01 02	09 Waveform or lead name	1	Lead II
3F 02 03 09 01 03	3F Channel(2) attribute	3	
09 01 03	09 Waveform or lead name	1	Lead V1
3F 03 03 09 01 04	3F Channel(3) attribute	3	
09 01 04	09 Waveform or lead name	1	Lead V2
3F 04 03 09 01 05	3F Channel(4) attribute	3	
09 01 05	09 Waveform or lead name	1	Lead V3
3F 05 03 09 01 06	3F Channel(5) attribute	3	
09 01 06	09 Waveform or lead name	1	Lead V4
3F 06 03 09 01 07	3F Channel(6) attribute	3	
09 01 07	09 Waveform or lead name	1	Lead V5
3F 07 03 09 01 08	3F Channel(7) attribute	3	
09 01 08	09 Waveform or lead name	1	Lead V6
1E 84 00 02 71	1E Waveform	160000	Waveform data=80000

MFER can describe all medical waveforms

 MFER can describe not only all ECG waveforms but also EEG, respiratory waveforms including spirometry and so on.

▶ 12 lead ECG, Holter ECG, Stress ECG, Monitoring ECG, etc.

MFER is used with other excellent standard such as HL7,DICOM, IEEE etc.

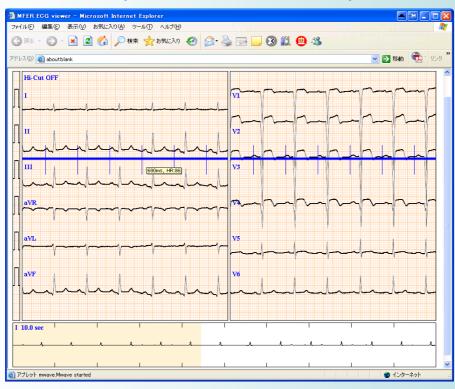
- It is easily handled on DBMS
- You can study and search easily by managing examination data, findings, etc. on a database.
- ◆ MFER is established as ISO/TS 11073-92001:2007.

MFER is for IT age.

MFER is used on EMR

MFER is utilized beyond paper base application.

You can do the practical use that is not possible in paper use.



You can easily make MEGA database.

- You can easily make database with MFER for medical waveform.
- You can easily retrieve and do decision making with excellent data base engine.
- You can easily make human sharable database for medical waveforms.

Corporations

NIHONKOHDEN FUKUDA DENSHI Medical Storage SUZUKEN GE Healthcare Japan TERUMO YOKOGAQA and others

Information

http://www.mfer.org http://www.medis.or.jp

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