Long term electrocardiography
This rule applies to Holter ECGs examination and monitoring long-term ECG etc;

It also applies to the encoding of long-term waveforms such as ECG waveform, respiratory waveform and SpO2.
<table>
<thead>
<tr>
<th></th>
<th>Analog</th>
<th>Digital</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Media</strong></td>
<td>Cassette Tape</td>
<td>IC memory (SD, MMC card etc.)</td>
</tr>
<tr>
<td><strong>Dimension</strong></td>
<td>200 ~ 300 g</td>
<td>35 ~ 100 g</td>
</tr>
<tr>
<td></td>
<td>270 ~ 320 cm³</td>
<td>30 ~ 100 cm³</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Disposable</strong></td>
<td>Tape, mechanical parts</td>
<td>No</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>0.2 ~ 35 Hz</td>
<td>0.05 ~ 40 Hz</td>
</tr>
<tr>
<td><strong>Future extension</strong></td>
<td>NO more</td>
<td>More</td>
</tr>
<tr>
<td><strong>Compatibility</strong></td>
<td>Direct recording with sync. (32 Hz)</td>
<td>No compatibility</td>
</tr>
<tr>
<td><strong>Quality</strong></td>
<td>Low quality (wow and flutter)</td>
<td>Good quality</td>
</tr>
<tr>
<td><strong>Equability</strong></td>
<td>(Irregular speed, Polluted head)</td>
<td></td>
</tr>
<tr>
<td><strong>Archiving</strong></td>
<td>Cassette tape</td>
<td>Easy archiving</td>
</tr>
</tbody>
</table>

**Why use MFER for Holter ECG**
Long term ECG
Long term ECG invent strip

Patient Info
- ID: 123456
- Name: KT
- Birth: 1986.7.15
- Sex: Male

Exam Info
- Date: 2003.9.8
- Time: 09:15:20
- At: CCU A

Measurement
- HR: 80
- PQ: 
- QRS: 
- QT/QTc: 
- Paxis: 
- QRSaxis: 

Heart Institute of Japan
Tokyo Women's Medical University

Strip 01
- Time: 2030:46
- Event: SVT

Strip 02
- Time: 2032:15
- Event: M

Strip 03
- Time: 2322:15
- Event: M

Strip 04
- Time: 2322:15
- Event: M
Status ECG/CDA report

- CDA Example

Japanese Sample CDA-R2