

# ISO 22077-1:2015-04 (E)

## Health informatics - Medical waveform format - Part 1: Encoding rules

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Terms and definitions .....	1
3	Abbreviated terms .....	1
4	Basic specifications .....	2
4.1	Basic attributes .....	2
4.1.1	General .....	2
4.1.2	Sampling attributes .....	2
4.1.3	Frame attributes .....	3
4.2	Encoding rule .....	4
4.2.1	General .....	4
4.2.2	Tag (T) .....	4
4.2.3	Data length (L) .....	5
4.2.4	Value (V) .....	6
4.3	Encoding principle .....	6
4.3.1	General .....	6
4.3.2	Definition levels .....	6
4.3.3	General principles in interpretation, scope and priority of definitions .....	6
5	Basic rules (Level 1) .....	8
5.1	Primary description .....	8
5.1.1	Sampling attributes .....	8
5.1.2	Frame attributes .....	9
5.1.3	Waveform .....	10
5.1.4	Channel .....	13
5.2	Auxiliary rule .....	14
5.2.1	Data description .....	14
5.2.2	Other definition .....	16
5.2.3	Information description .....	17
6	Supplemental description (Level 2) .....	22
7	Extended description (Level 3) .....	24
Annex A (informative) MFER conformance statement .....		27
Annex B (informative) Description example .....		29
Annex C (informative) Event information description .....		36
Annex D (informative) Example of standard encoding .....		38