

DIN EN ISO 12381:2019-12 (E)

Health informatics - Explicit time-related expressions for healthcare-specific problems (ISO 12381:2019); English version EN ISO 12381:2019

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Explicit semantic labelling of predicational components		5
4.1 General.....		5
4.2 Labelling of temporal expressions.....		5
4.3 Labelling of basic temporal links.....		6
4.3.1 General.....		6
4.3.2 has-occurrence.....		6
4.3.3 has-rate.....		6
4.3.4 has-frequency.....		6
4.3.5 has-duration.....		7
4.4 Labelling of complex temporal links.....		7
4.5 Temporal comparators.....		7
4.5.1 General.....		7
4.5.2 Temporal comparators in combination with events.....		8
4.5.3 Temporal comparators in combination with episodes.....		9
5 Characteristics of conformance		14
5.1 Provisions for conformance specification.....		14
5.2 Basic guidelines.....		14
5.3 LSS: Level of semantic specification.....		15
5.3.1 LSS(0).....		15
5.3.2 LSS(1).....		15
5.3.3 LSS(2).....		15
5.3.4 LSS(3).....		15
5.4 LRE: level of recursive embedding of time-related information.....		16
5.4.1 LRE(0).....		16
5.4.2 LRE(1).....		16
5.4.3 LRE(2).....		16
5.5 LDR: level of deictic referential complexity.....		16
5.5.1 LDR(0).....		16
5.5.2 LDR(1).....		16
5.6 LDC: level of relative deictic referential complexity.....		16
5.6.1 LDC(0).....		16
5.6.2 LDC(1).....		16
5.6.3 LDC(2).....		16
5.7 LQI: level of formal rigour of temporal expressions.....		16
5.7.1 LQI(0).....		16
5.7.2 LQI(1).....		16
5.7.3 LQI(2).....		17
Annex A (informative) BNF description of the syntax used in the standard predications of this document		18
Bibliography		19