



SLOVENSKI STANDARD
SIST EN ISO 11073-10102:2014
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Zdravstvena informatika - Komunikacija medicinskih naprav na mestu oskrbe - 10102. del: Nomenklatura: Obrazloženi elektrokardiogram (EKG) (ISO 11073-10102:2014)

Health informatics - Point-of-care medical device communication - Part 10102: Nomenclature: Annotated ECG (ISO 11073-10102:2014)

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Informatique de santé - Communication entre dispositifs médicaux sur le site des soins - Partie 10102: Nomenclature - ECG annoté (ISO 11073-10102:2014)

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Ta slovenski standard je istoveten z: EN ISO 11073-10102:2014

ICS:

11.040.55	Diagnostična oprema	Diagnostic equipment
35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology

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EUROPEAN STANDARD

EN ISO 11073-10102

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2014

ICS 35.240.80

English Version

Health informatics - Point-of-care medical device communication - Part 10102: Nomenclature - Annotated ECG (ISO/IEEE 11073- 10102:2014)

Informatique de santé - Communication entre dispositifs
médicaux sur le site des soins - Partie 10102:
Nomenclature - ECG annoté (ISO/IEEE 11073-10102:2014)

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INTERNATIONAL
STANDARD

ISO/IEEE
11073-10102

First edition
2014-03-01

**Health informatics — Point-of-care
medical device communication —**

Part 10102:

Nomenclature — Annotated ECG

*Informatique de santé — Communication entre dispositifs médicaux sur
le site des soins*

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Partie 10102: Nomenclature — ECG annoté

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ISO/IEEE 11073-10102 was prepared by the Substations Committee of the IEEE Power Engineering Society of the IEEE (as IEEE 1686-2007). It was adopted by Technical Committee ISO/TC 215, *Lung ventilators*, in parallel with its approval by the ISO member bodies, under the “fast-track procedure” defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE. IEEE is responsible for the maintenance of this document with participation and input from ISO member bodies.

ISO/IEEE 11073 consists of the following parts, under the general title *Health informatics — Personal health device communication* (text in parentheses gives a variant of subtitle):

- *Part 00103: Overview*
- *Part 10101: (Point-of-care medical device communication) Nomenclature*
- *Part 10102: (Point-of-care medical device communication) Nomenclature — Annotated ECG*
- *Part 10103: (Point-of-care medical device communication) — Nomenclature — Implantable device, cardiac*
- *Part 10201: (Point-of-care medical device communication) Domain information model*
- *Part 10404: Device specialization — Pulse oximeter*

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- Part 10406: Device specialization — Basic electrocardiograph (ECG) (1- to 3-lead ECG)
- Part 10407: Device specialization — Blood pressure monitor
- Part 10408: Device specialization — Thermometer
- Part 10415: Device specialization — Weighing scale
- Part 10417: Device specialization — Glucose meter
- Part 10418: Device specialization — International Normalized Ratio (INR) monitor
- Part 10420: Device specialization — Body composition analyzer
- Part 10421: Device specialization — Peak expiratory flow monitor (peak flow)
- Part 10441: Device specialization — Cardiovascular fitness and activity monitor
- Part 10471: Device specialization — Independent living activity hub
- Part 10472: Device specialization — Medication monitor
- Part 20101: (Point-of-care medical device communication) Application profiles — Base standard
- Part 20601: Application profile — Optimized exchange protocol
- Part 30200: (Point-of-care medical device communication) Transport profile — Cable connected
- Part 30300: (Point-of-care medical device communication) Transport profile — Infrared wireless
- Part 30400: (Point-of-care medical device communication) Interface profile — Cabled Ethernet
- Part 90101: (Point-of-care medical device communication) Analytical instruments — Point-of-care test
- Part 91064: (Standard communication protocol) Computer-assisted electrocardiography
- Part 92001: (Medical waveform format) — Encoding rules

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Health informatics—Point-of-care medical device communication

Part 10102: Nomenclature—Annotated ECG

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Approved 5 December 2012

IEEE-SA Standards Board

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Abstract: The base IEEE 11073 -10101 Nomenclature is extended by this standard to provide support for ECG annotation terminology. It may be used either in conjunction with other IEEE 11073 standards (e.g., ISO/IEEE 11073-10201:2001) or independently with other standards. The major subject areas addressed by the nomenclature include ECG beat annotations, wave component annotations, rhythm annotations, and noise annotations. Additional “global” and “per-lead” numeric observation identifiers, ECG lead systems, and additional ECG lead identifiers also are defined.

Keywords: annotated ECG, annotations, arrhythmias, cardiac rhythm, codes, ECG leads, ECG lead systems, ECG measurements, home monitoring, IEEE 11073-10102™, medical device communication, nomenclature, pacemaker, patient monitoring, remote monitoring, terminology

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