

SLOVENSKI STANDARD

SIST EN ISO 11073-10101:2005/A1:2018

01-februar-2018

**Zdravstvena informatika – Komunikacija medicinskih naprav na mestu oskrbe –
10101. del: Nomenklatura (ISO/IEEE 11073-10101:2004/Amd 1:2017)**

Health informatics - Point-of-care medical device communication - Part 10101:
Nomenclature - Amendment 1: Additional definitions (ISO/IEEE 11073-10101:2004/Amd
1:2017)

Medizinische Informatik - Kommunikation patientennaher medizinischer Geräte - Teil
10101: Nomenklatur - Änderung (ISO/IEEE 11073-10101:2004/Amd 1:2017)

Informatique de santé - Communication entre dispositifs médicaux sur le site des soins -
Partie 10101: Nomenclature - Amendement 1 (ISO/IEEE 11073-10101:2004/Amd
1:2017)

Ta slovenski standard je istoveten z: EN ISO 11073-10101:2005/A1:2017

ICS:

35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology
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SIST EN ISO 11073-10101:2005/A1:2018 en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN ISO 11073-
10101:2005/A1**

November 2017

ICS 01.040.35; 35.240.80

English Version

**Health informatics - Point-of-care medical device
communication - Part 10101: Nomenclature - Amendment
1: Additional definitions (ISO/IEEE 11073-
10101:2004/Amd 1:2017)**

Informatique de santé - Communication entre
dispositifs médicaux sur le site des soins - Partie
10101: Nomenclature - Amendement 1 (ISO/IEEE
11073-10101:2004/Amd 1:2017)

Medizinische Informatik - Kommunikation
patientennaher medizinischer Geräte - Teil 10101:
Nomenklatur - Änderung 1 (ISO/IEEE 11073-
10101:2004/Amd 1:2017)

This amendment A1 modifies the European Standard EN ISO 11073-10101:2005; it was approved by CEN on 13 April 2017.

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European foreword

This document (EN ISO 11073-10101:2005/A1:2017) has been prepared by Technical Committee ISO/TC 215 “Health informatics” in collaboration with Technical Committee CEN/TC 251 “Health informatics” the secretariat of which is held by NEN.

This Amendment to the European Standard EN ISO 11073-10101:2005 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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Endorsement notice

The text of ISO/IEEE 11073-10101:2004/Amd1:2017 has been approved by CEN as EN ISO 11073-10101:2005/A1:2017 without any modification.

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INTERNATIONAL STANDARD

ISO/IEEE 11073-10101

First edition
2004-12-15

AMENDMENT 1
2017-10

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

Part 10101: Nomenclature

AMENDMENT 1: Additional definitions

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

Partie 10101: Nomenclature

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AMENDMENT 1: Définitions supplémentaires



Reference number
ISO/IEEE 11073-10101:2004/Amd 1:2017(E)



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Amendment 1 to ISO/IEEE 11073-10101:2004/Amd 1:2017 was prepared by the 11073 Committee of the Engineering in Medicine and Biology Society of the IEEE (as IEEE 11073-10101:2004). It was adopted by Technical Committee ISO/TC 215, *Health informatics*, in parallel with its approval by the ISO/IEC national 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/IEC national bodies.

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IEEE Std 11073-10101a™-2015
(Amendment to
ISO/IEEE 11073-10101:2004)

Health informatics—Point-of-care medical device communication

Part 10101: Nomenclature

Amendment 1: Additional Definitions

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IEEE-SA Standards Board

ISO/IEEE 11073-10101:2004/Amd 1:2017(E)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for point-of-care (POC) medical device communication (MDC), the nomenclature defined by the base ISO/IEEE 11073-10101:2004 nomenclature standard is extended by this amendment. Significant extensions to support haemodynamics, respiration, ventilation and anesthesia monitoring, blood gas, urine, fluid-related metrics, and neurology, as well as units of measurements and measurement sites, are included. Formal definitions for observation identifiers used by the IEEE 11073 Personal Health Device standards and additional attributes for reporting their regulatory and certification status are also captured and provided. Information attributes to support alert communication and accurate medical device time synchronization and timekeeping are also defined.

Keywords: alert communication, anesthesia, blood gas, codes, Continua, fluid-related metrics, haemodynamics, IEEE 11073-10101a, IHE PCD, information model, ISO/IEEE 11073-10101, measurement sites, medical device certification, medical device communication, neurology, nomenclature, NTP, ontology, patient, PCHA, Personal Connected Health Alliance, POC, point-of-care, respiration, semantics, service model, terminology, time synchronization, timekeeping, units of measure, urine, ventilation

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