

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) (standards.iten.ai)

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)

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ICS:

35.240.80 Uporabniške rešitve IT v IT applications in health care

zdravstveni tehniki technology

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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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EN ISO 11073-10101:2005/A1:2017 (E)

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EN ISO 11073-10101:2005/A1:2017 (E)

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of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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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**

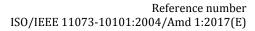
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SIST Partie 10101: Nomenclature 2018

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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 Engineering in Medicine and Biology Society

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IEEE-SA Standards Board

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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