

INTERNATIONAL
STANDARD

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Second edition
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**Health informatics — Device
interoperability —**

**Part 10201:
Point-of-care medical device
communication — Domain
information model**

Informatique de santé — Interopérabilité des dispositifs —

*Partie 10201: Communication entre dispositifs médicaux sur le site
des soins — Modèle d'informations du domaine*

ISO/IEEE 11073-10201:2020

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This second edition cancels and replaces the first edition (ISO/IEEE 11073-10201:2004), which has been technically revised.

A list of all parts in the ISO/IEEE 11073 series can be found on the ISO website.

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Health informatics—Point-of-care medical device communication

Part 10201: Domain Information Model

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Approved 5 December 2018

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Abstract: Within the context of the ISO/IEEE 11073 family of standards for point-of-care medical device communication, an abstract, object-oriented domain information model that specifies the structure of exchanged information, as well as the events and services that are supported by each type of object, is provided in this standard. All data structure elements are specified using abstract syntax (ASN.1) and may be applied to many different implementation technologies, transfer syntaxes, and application service models. Core subjects include medical, alert, system, patient, control, archival, communication, and extended services. Model extensibility is supported, and a conformance model and statement template is provided.

Keywords: abstract syntax, alarm, alert, ASN.1, DIM, domain information model, IEEE 11073-10201™, information model, medical device communications, medical information bus, MIB, object-oriented, patient, POC, point-of-care, remote control

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