

Second edition  
2014-03-01

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**Health informatics — Personal health  
device communication —**

Part 10417:

**Device specialization: Glucose meter**

*Informatique de santé — Communication entre dispositifs de santé  
personnels*

*Partie 10417: Spécialisation des dispositifs: Glucomètre*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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This second edition of ISO/IEEE 11073-10417 cancels and replaces the first edition (ISO/IEEE 11073-10417:2010). ISO/IEEE 11073-10417 was prepared by the Substations Committee of the IEEE Power Engineering Society of the IEEE (as IEEE 11073-10417-2011). It was adopted by Technical Committee ISO/TC 215, *Respiratory and anaesthetic equipment*, 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*

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- *Part 10404: Device specialization — Pulse oximeter*
- *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 — Independant 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*

This corrected version of ISO 11073-10417:2014 incorporates the following corrections:

- The text "Authorized licensed use limited to: IEEE Standards Staff and authorized IEEE Sponsor Ballot Participants. Downloaded on May 28,2013 at 14:27:23 UTC from IEEE Xplore. Restrictions apply." has been deleted from the footer.
- On the cover page "First edition" has been replaced by "Second edition" and a sentence giving this revision information has been added in the Foreword.

Health Informatics—Personal health device communication

# Part 10417: Device specialization— Glucose meter

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