



SLOVENSKI STANDARD
SIST-TS CEN ISO/TS 17251:2017
01-februar-2017

Zdravstvena informatika - Poslovne zahteve za sintakso za izmenjavo strukturiranih podatkov odmerkov za zdravila (ISO/TS 17251:2016)

Health Informatics - Business requirements for a syntax to exchange structured dose information for medicinal products (ISO/TS 17251:2016)

Medizinische Informatik - Geschäftsanforderungen an eine Syntax zum Austausch von Dosisinformationen für Arzneimittel (ISO/TS 17251:2016)

Informatique de santé - Exigences d'affaire pour une syntaxe d'échange d'informations de dose structurée pour les produits médicaux (ISO/TS 17251:2016)

<https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

Ta slovenski standard je istoveten z: CEN ISO/TS 17251:2016

ICS:

11.120.10	Zdravila	Medicaments
35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology

SIST-TS CEN ISO/TS 17251:2017 **en,fr,de**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN ISO/TS 17251

July 2016

ICS 35.240.80

English Version

**Health Informatics - Business requirements for a syntax to
exchange structured dose information for medicinal
products (ISO/TS 17251:2016)**

Informatique de santé - Exigences d'affaire pour une
syntaxe d'échange d'informations de dose structurée
pour les produits médicaux (ISO/TS 17251:2016)

Medizinische Informatik - Geschäftsanforderungen an
eine Syntax zum Austausch von Dosisinformationen für
Arzneimittel (ISO/TS 17251:2016)

This Technical Specification (CEN/TS) was approved by CEN on 10 July 2016 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European Foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)
<https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

European Foreword

This document (CEN ISO/TS 17251:2016) 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO/TS 17251:2016 has been approved by CEN as CEN ISO/TS 17251:2016 without any modification.

(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](#)

<https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

TECHNICAL
SPECIFICATION

ISO/TS
17251

First edition
2016-07-01

**Health informatics — Business
requirements for a syntax to exchange
structured dose information for
medicinal products**

*Informatique de santé — Exigences d'affaire pour une syntaxe
d'échange d'informations de dose structurée pour les produits
médicaux*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>



Reference number
ISO/TS 17251:2016(E)

© ISO 2016

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Terms and definitions.....	1
3 Conformance.....	2
4 Business requirements for structured dose instructions.....	3
4.1 General.....	3
4.2 Use cases.....	3
4.3 Elements of a dose instruction.....	3
4.4 Information requirements.....	4
4.4.1 General.....	4
4.4.2 Infrastructure.....	5
4.4.3 Text representation.....	5
4.4.4 Administration amount.....	5
4.4.5 Route/site of administration.....	5
4.4.6 Timing of dose event(s).....	6
4.4.7 Conditional administration.....	7
4.4.8 Patient-specific information.....	7
4.4.9 Ancillary information.....	8
Bibliography.....	9

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

ISO/TS 17251:2016(E)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 215, *Health informatics*.

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbc35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>

Introduction

The requirements for the exchange of structured dose instructions are intended to be independent of any technology standard or software platform and have been developed with the aim of specifying the necessary clinical and business requirements precisely and unambiguously. Implementation of the requirements within a suitable medium designed to support communication of healthcare information can provide support to clinicians and their applications in storing, retrieving, using, and above all, communicating dose instructions information to other clinicians, their applications, and most importantly, to the patient.

The primary audiences for this Technical Specification are software developers building clinical IT systems.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST-TS CEN ISO/TS 17251:2017](https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017)

<https://standards.iteh.ai/catalog/standards/sist/7fbe35ea-4251-40bb-95bb-6c53503fb6e5/sist-ts-cen-iso-ts-17251-2017>