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Traditional Chinese medicine — Clinical document specification for prescription of traditional Chinese medicine decoction pieces

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Foreword

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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).

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This document was prepared by Technical Committee ISO/TC 249, *Traditional Chinese medicine*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

HL7 CDA® Release 2.0[1)], which has been adopted as ISO/HL7 27932, is a document mark-up standard that specifies the structure and semantics of clinical documents for the purpose of exchange between healthcare providers and patients. It is necessary to establish a clinical document specification for prescription of traditional Chinese medicine decoction pieces to support the implementation of ISO/HL7 27932 in the context of the traditional Chinese medicine community. For implementers of HL7 CDA® Release 2.0, the prescription of traditional Chinese medicine decoction pieces can be provided as a use case to maximize the use of shared semantics.

A clinical document consists of a clinical document header and a clinical document body. A clinical document header consists of many sections, including identification and classification, participant author and custodian. A clinical document body consists of many sections, including diagnosis, medication administration, cost and medication plan. Usually, the core data of the prescription of traditional Chinese medicine decoction pieces includes information about the names and amounts of the decoction pieces, the form of processing, the dose, preparation and decoction methods, the route of administration, frequency, the timing of consumption and the number of packages.

This document can be applied in medical institutions that need to share their prescriptions of decoction pieces to ensure that both or multiple parties exchange documents following the specification with consistent syntax and semantics. This document can be used to support the data collection, transmission, storage and exchange of decoction piece prescriptions for electronic records.

In this document, the following verbal forms are used:

— “shall” indicates a requirement;

— “should” indicates a recommendation;

— “can” indicates a possibility or a capability;

— “may” indicates a permission.

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1 Scope

This document provides a referenced entry-level implementation template for traditional Chinese medicine decoction piece prescriptions based on HL7 CDA® Release 2.0 to support the data collection, transmission, storage and exchange of decoction piece prescriptions for electronic records. This document focuses on the description of core data of traditional Chinese medicine decoction piece prescriptions which constitute the 'medication administration' section of the clinical document body. This document does not specify the detailed content of the clinical document header or other sections and entries of the clinical document body.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1
cardinality
number of times that a data element can repeat within an individual occurrence or object view

Note 1 to entry: In the XML documents specified by this document, the cardinality of an element defines the number of times the element can repeatedly appear at a specified position, which is used to specify the number of allowed values for data attributes expressed by the name of the element. It is denoted by 'm..n': 'm' means the minimum number of occurrences and 'n' means the maximum allowed number of times.

[SOURCE: ISO/TR 12300:2014, 2.1.5, modified]

3.2
CONF
conformance requirement
precise text definition of a characteristic required to be present in a conforming implementation

Note 1 to entry: In CONF-nnnn, nnnn is a four-digit integer. The document is based on the CDA POCD_HD000040 and XML schema document (XSD). For XML elements, cardinality, terminology and data type in CDA XSD, no specific explanation is given in this document

[SOURCE: ISO 13584-25:2004, 3.6, modified]