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BSI Standards Publication

Health informatics — Profiling framework and classification for Traditional Medicine informatics standards development

Part 1: Traditional Chinese Medicine

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National foreword

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**Health informatics — Profiling
framework and classification for
Traditional Medicine informatics
standards development —**

**Part 1:
Traditional Chinese Medicine**

*Informatique de santé — Cadre de profilage et classification pour
le développement de normes informatiques relatives à la médecine
chinoise —*

Partie 1: Médecine chinoise traditionnelle



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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

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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.

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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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*.

Introduction

This Technical Specification provides a common framework for describing the artefacts of informatics standards for Traditional Chinese Medicine (TCM), which is intended for use by TCM informatics standard developers, reviewers, and users.

This Technical Specification brings order to the description of diverse TCM informatics standards artefacts by representing the complexity of TCM informatics as a matrix of understandable components. A common means of description is necessary to facilitate the coordination, communication, and comparability of TCM informatics standards across and between disciplines and Standards Development Organizations (SDOs), and this is provided by this Technical Specification for TCM informatics standards published by ISO/TC 215, ISO/TC 249, WHO, and other SDOs.

The framework addresses different needs of TCM informatics and provides a way to compare various health informatics standards. It specifies a capability to comprehensively define and classify TCM informatics standards artefacts, facilitate the coordination, communication, and comparability of TCM informatics standards through a common understanding of intended users and content, helps identify and coordinate TCM informatics standards development, promotes TCM informatics standards integration and alignment within and between standards from different SDOs, and provides a framework to assist with the coordination of ISO/TC 215 work items both within the technical committee and with related TCs, including ISO/TC 249 and ISO/TC 46.

Health informatics — Profiling framework and classification for Traditional Medicine informatics standards development —

Part 1: Traditional Chinese Medicine

1 Scope

1.1 General

Traditional Chinese Medicine (TCM) is a form of traditional medicine that originated in China, and is characterized by holism and treatment based on pattern identification/syndrome differentiation. The Technical Specification establishes common concepts and a vocabulary for describing the complex domain of various Traditional Chinese Medicine (TCM) informatics standards initiatives and their supporting artefacts. It provides a useful profiling framework to align existing and developing TCM informatics standards and to reference health informatics standards. It promotes the reuse of TCM informatics knowledge and improves the identification of opportunities for TCM informatics standards alignment, collaboration, and coordination.

Topics considered outside the scope of this Technical Specification include:

- profiling framework and classification for informatics standards of Kampo, Korean medicine, and other traditional medicine.

1.2 Main purpose

The framework has been developed to address different needs of TCM informatics and compare with health informatics standards. The specific needs addressed in this Technical Specification are the following:

- provide the capability to comprehensively define and classify TCM informatics standards artefacts;
- facilitate the coordination, communication, and comparability of TCM informatics standards through a common understanding of intended users and content;
- help identify and coordinate TCM informatics standards development;
- promote TCM informatics standards integration and alignment within and between standards from different Standards Development Organizations (SDOs); and
- provide a framework to assist with the coordination of ISO/TC 215 work items both within the technical committee and with related TCs, including ISO/TC 249 and ISO/TC 46.

1.3 Benefits

The potential benefits of the Technical Specification include the following:

- introduction of classification concepts and terminology for TCM informatics standard artefacts;
- enhancement of TCM informatics standards development coordination through the identification of potential duplication between standards initiatives;