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PEOPLE'S REPUBLIC OF CHINA**

GB/T 44781-2024

Health management - Remote consultation and monitoring

健康管理 远程问诊及监测

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by the Ministry of Industry and Information Technology. This document is under the jurisdiction of the National Technical Committee for Standardization of Audio, Video and Multimedia Systems and Equipment (SAC/TC242). This document was drafted by: PLA General Hospital, Beijing Institute of Technology, China Electronics Standardization Institute, Hainan Provincial Education Department of Science and Technology, China Academy of Information and Communications Technology, China National Institute of Standardization, Aobo (Beijing) Intelligent Technology Co., Ltd., China Association for Science and Technology Innovation Strategy Research Institute Hospital, China Association of Geriatrics and Geriatrics, Armed Police Corps Hospital of Liaoning Province, Standard and Quality Center of the State Administration of Grain and Material Reserves, Qingdao

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1 Scope

GB/T 44781-2024 sets the Chinese requirements for remote consultation and monitoring in health management. Telehealth expanded enormously in China and then had to be brought into a defined framework, because a consultation conducted over video and a course of monitoring conducted through consumer devices raise questions a clinic visit does not: what the system must guarantee about the identity of both parties, about the quality and continuity of the audio and video, about the provenance and accuracy of the physiological data arriving from a home device, about the record that is kept, and about what happens when a reading crosses an alarm threshold and nobody is watching. The standard sets out the remote consultation and monitoring system and its components, then the requirements for remote audio and video consultation, for remote monitoring including the acquisition, transmission and interpretation of the physiological data, for the handling of alerts and the escalation to care, for the records and their retention, and for the security and privacy of the health information involved. It takes effect on 1 May 2025.

This document specifies the requirements for health management remote consultation and monitoring systems, audio and video information transmission, and remote consultation and monitoring platforms. This document is applicable to the development of remote consultation and monitoring systems and the design of audio and video system platforms in home and medical settings.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 35660.3 Information and Document Library Radio Frequency Identification (RFID)
Part

3.Partitioned Storage RFID Tags Based on Data element encoding according to ISO / IEC

15962 rules

GB/T 36053 X-ray reflection method for measuring the thickness, density and interface width of thin films. Requirements for instrument, alignment and positioning, data acquisition Data collection, analysis and reporting

GB/T 37047 General principles for lightning density based on lightning location system (LLS)

GB/T 37714 Technical requirements for data transmission security assessment of public security Internet of Things sensing devices

GB/T 38648 Information Security Technology Bluetooth Security Guide

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Collection Methods and processes for collecting and storing health data.

3.2 codec encoderdecoder Reads an input video, audio, or data sample stream and produces a valid encoded bitstream.

3.3 audio format audioformat A format for playing or processing audio files in a computer and converting sound files between digital and analog.

3.4 coding Reads an audio sample stream and produces a valid bit stream conforming to this document.

3.5 decoding Reconstruct the input signal process of the encoding process from the valid encoding code stream.