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GB/T 44792-2024

**Health management - Information access and data exchange of
telemedicine platform**

健康管理 远程医疗平台信息接入与数据交换

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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

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1 Scope

GB/T 44792-2024 specifies how information is brought into a telemedicine platform and exchanged with it. The hard part of telemedicine in China is not the consultation but the plumbing behind it: the platform has to reach into the hospital information system and the PACS of institutions that were never designed to be reached into, and at the other end it has to accept readings from consumer blood pressure monitors and glucose meters whose data quality is unknown. The standard sets the architecture for access and exchange, then the front-end exchange technical requirements - the exchange implementation process, the interface modes, the front-end database exchange interface, the front-end service exchange interface and the quality requirements on the data exchanged - and the access of personal health devices, both indirect through a gateway and direct, with an annex on the PACS functions and workflow. It takes effect on 1 May 2025.

This document describes the information access and data exchange architecture of the telemedicine platform and specifies the front-end data exchange architecture of the

telemedicine platform. Technical requirements, personal health equipment access and audio and video equipment access requirements. This document is applicable to the development of information access and data exchange functions of telemedicine platforms.

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 22239 Information security technology - Basic requirements for network security level protection

GB/T 25068.2 Information technology security techniques - Network security - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 telemedicine Adopting modern communication, electronic and multimedia computer technology, it can realize the remote collection, transmission, processing, storage and query of medical information, and Provide consultation, diagnosis, monitoring, ward rounds, assist in diagnosis, guide examinations, treatment, surgery, teaching, information services and other special medical services to patients Activity. [Source: WS/T 529-2016, 3.1, with modifications]

3.2 front-end computer A processor that buffers and processes inbound or outbound data. [Source: GB /Z 14429-2005, 3.172]