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ICS 35.020
CCS L70

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6090-2024

Internet-oriented medical artificial intelligence-assisted decision-making - Auxiliary decision-making system algorithm indicators and test methods based on pathological images

面向互联网的医疗人工智能辅助决策 基于病理图像的辅助决策系统算法指标和测试方法

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6090-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the algorithm indicators and testing methods for the Internet-oriented medical artificial intelligence-assisted decision-making system based on pathological images, including performance indicators and calculation methods, testing procedures, etc. This standard applies to medical artificial intelligence-assisted decision-making systems based on pathological images for the Internet.

YD/T 6090-2024 falls under ICS 35.020, in the field of information technology.

This catalogue holds 725 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 6642-2026 - Industrial Internet - Technical requirements of assets identification

YD/T 4405.7-2026 - Medical cloud computing assessment method - Part 7: Artificial intelligence applications

YD/T 6081-2024 - Enterprise digital infrastructure cloud management and service operation capability maturity model

5 Classification and status

International classification (ICS): 35.020

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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