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**PHARMACEUTICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YY/T 1625-2026

Replacing YY/T 1625- 2018

**Particular specifications for mobile X-ray equipment for
computed tomography**

移动式X射线计算机体层摄影设备专用技术条件

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document supersedes YY/T 1625-2018 "Technical Conditions for Mobile X-ray Computed Tomography Equipment" and is consistent with YY/T 1625- Compared to.2018, aside from structural adjustments and editorial changes, the main technical changes are as follows:

a) Categories (see

4.1 in the.2018 edition), operating noise (see

5.2.6 in the.2018 edition), and X-ray generating devices (see.2018 edition) have been removed. Version 5.6), child protocol unit (see

5.10 of the.2018 version), appearance (see

5.11 of the.2018 version), and environmental testing (see.2018 version). (

5.12 of the.2018 edition).

b) Changes were made to the composition (see Chapter 4,

4.2 of the.2018 edition), imaging performance (see

5.2 of the.2018 edition), and mobility performance (see...). 5.4.1 (

5.5 in the.2018 version).

c) Increased general requirements for imaging performance (see 5.2.1), number of image scan layers (see 5.2.9), dose and radiation protection (see 5.3), and machine... Mechanical and radiation output performance (see 5.4), iterative reconstruction (see 5.5), and combined use with external equipment (see 5.7).

d) Security requirements have been changed (see 5.8,

1 Scope

YY/T 1625 is the particular specification for the CT scanner that comes to the patient. It specifies the composition and the requirements of mobile X-ray computed tomography equipment, referred to throughout as the mobile CT scanning device, and describes the corresponding test methods. A CT that is wheeled into an intensive care unit or a stroke ward has constraints a fixed installation does not: it has to hold image quality while being moved, and it has to manage radiation in a room that was never designed as a scanner suite. The standard applies to mobile CT devices and excludes equipment outside that definition. For a manufacturer or an importer of mobile or portable CT systems seeking Chinese registration, this is the particular standard the type test is run against, on top of the general medical electrical requirements.

This document specifies the composition and requirements of mobile X-ray computed tomography equipment (hereinafter referred to as mobile CT scanning device), and describes... The corresponding experimental methods were developed. This document applies to mobile CT scanning devices. This document does not apply to X-ray computed tomography equipment that moves via guide rails or X-ray equipment that is fixedly installed on transportation vehicles. Computed tomography equipment.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. document.

GB 9706.1 Medical electrical equipment - Part

3 Terms and Definitions

The terms defined in GB/T 10149, GB 9706.244-2020, GB/T 19042.5-2022, and YY/T 1766.3-2023, as well as the following technical terms The terms and definitions apply to this document.

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