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

YY/T 0003-2023

Replacing YY/T 0003-1990

Manual medical bed

手动病床

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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 is required. This document replaces YY/T 0003-1990 "Hospital Beds". Compared with YY/T 0003-1990, except for structural adjustments and editorial changes, In addition, the main technical changes are as follows:

- Added terminology items and related definitions (see Chapter 3, Chapter 3 of the.1990 edition);
- Changed the angle requirements (see 4.1, 3.4 of the.1990 edition);
- Changed the strength requirements (see 4.3, 4.9 of the.1990 edition);
- Added "preventing patients from falling accidentally" and changed the height of the bed rails (see 4.7, 4.16.4 of the.1990 edition);
- Added technical requirements "prevent patients from being trapped by non-moving parts" (see 4.2), "instability" (see 4.4), "driving force" (see 4.5), "Sidebar strength and latch reliability" (4.6), "Identification" (4.14);
- Changed the "operating device" requirements (see 4.10, 4.7 of the.1990 edition);
- Changed the coordination requirements for manual beds (see 4.11, 4.5 of the.1990 edition);

1 Scope

YY/T 0003 is the Chinese standard for the manual hospital bed, the bed whose sections are adjusted by crank and linkage rather than by motor. It specifies the requirements such a bed has to meet, the test methods that verify them, and the instructions that have to accompany it, covering the mechanical strength, stability and safety of the adjusting mechanism and the parts a patient or a nurse comes into contact with. Manual beds remain the volume product in Chinese county hospitals and in export markets where powered beds

are unaffordable, so the specification is a commercial document as much as a regulatory one. The 2023 edition replaces YY/T 0003-1990, a revision after more than three decades, which means a manufacturer working to the old text is working to something written for a different era of hospital furniture.

This document specifies the requirements, test methods and instructions for manual hospital beds. This document applies to manual beds. This product is intended for use with a height of 146 cm or more, a mass of 40 kg or more, and a weight of Patients with a BMI equal to or greater than 17.

2 Normative references

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Patient People who are receiving treatment. [Source: YY 9706.252-2021,.201.3.76, modified]

3.2 In hospitals that provide intensive care, 24-hour medical supervision or continuous monitoring is required, and the use of biological A place where life support systems/equipment are used to maintain or enhance patient function. [Source: YY 9706.252-2021,.201.3.201]

3.3 In hospitals or other medical institutions providing emergency care, medical supervision and monitoring are required and are often used during medical procedures. A place where medical equipment is used to maintain or improve a patient's condition. [Source: YY 9706.252-2021,.201.3.202]

3.4 There are areas with long-term care, where medical supervision and monitoring are required and where necessary, where medical care may be used during the course of treatment. A place where equipment is used to maintain or improve a patient's condition.

Note. Includes use in nursing homes, rehabilitation facilities and facilities for the elderly. [Source: YY 9706.252-2021,.201.3.203]

3.5 A place in the home where care is provided where medical equipment is used to relieve or compensate for injury, disability, or illness. NOTE. When a manual bed is designed solely for use in application environment 4, all other application environments (e.g. nursing homes, rehabilitation facilities and facilities for the elderly) are excluded. [Source: YY 9706.252-2021,.201.3.204, modified]