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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/Z 41045-2021

Rehabilitation training devices - Active training cycle

康复训练器械 主动训练脚踏车

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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 of Standardization Documents" drafted: Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents: This document is proposed by the Ministry of Civil Affairs of the People's Republic of China: This document is under the jurisdiction of the National Technical Committee on Standardization of Rehabilitation and Special Equipment for Persons with Disabilities (SAC/TC148): This document is drafted by: National Center for Quality Supervision and Inspection of Rehabilitation Equipment, Changzhou Qianjing Rehabilitation Co., Ltd., Shanxi Ao Ruitejian Health Industry Co., Ltd., Foshan Dongfang Medical Equipment Factory Co., Ltd., Shanghai Hubang Intelligent Rehabilitation Equipment Co., Ltd., China Disabled Center for Assistive Devices for the Disabled, China Rehabilitation Research Center: The main drafters of this document: Zhang Jian, Bi Jianming, Gai Jiangao, Xue Hufang, Meng Ronggui, Zhao Jianrong, He Jinming, Yuan Hongwei, Dai Dong, Wang Hao, careful: Rehabilitation training equipment active training bicycle

1 Scope

GB/Z 41045-2021 is the Chinese national standard on rehabilitation training devices - active training cycle, in the field of health care technology. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 31 December 2021 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS 11.180, CCS C45. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the classification, requirements, test methods, instructions for use, marking, packaging, transportation and storage of active training bicycles: This document is applicable to indoor feet for active training of persons with physical disabilities by pedaling the crank pedal in a circular rotation: treadmill: This document does not apply to purely passive training bikes:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

GB/T 191 Graphical signs of packaging, storage and transportation GB/T 230:

1 Rockwell hardness test of metallic materials - Part 1: Test method GB 9706:

1 Medical Electrical Equipment Part 1: General Requirements for Basic Safety and Essential Performance

GB/T 9969 General Principles of Instruction Manual for Industrial Products

GB 17498:5-2008 Stationary fitness equipment - Part 5: Additional special safety requirements for crank pedal training equipment and experiment method

GB 24436 General requirements for the safety of rehabilitation training equipment

3 Terms and Definitions

GB 24436 as well as the following terms and definitions apply to this document: 3:1 activetrainingcycleactivetrainingcycle It is a device for active training of persons with physical disabilities by pedaling the crank pedal in a circular rotation mode: 3:2 active training The exercise or action performed by the trainer actively and forcefully contracting the muscles: 3:3 seatpillar seatpillar The connection between the base frame and the seat, through which the seat is supported, and some can be used to adjust the seat height: 3:4 seat tube seattube The part of the chassis used to mount the socket poles: 3:5 handlebarstem The connection between the base frame and the handle, through which it supports the handle, and some can be used to adjust the height of the handle: