

ICS 11.040.40

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

GB/T 17255.3-2009

Replacing GB/T 17255.3-1998

**Prosthetics and orthotics -- Classification and description of
prosthetic components -- Part 3: Description of upper-limb
prosthetic components**

假肢与矫形器 假肢部件的分类和描述 第3部分：上肢假肢部件的描述

(English Translation)

Issued on: September 30, 2009

Implemented on: December 1, 2009

Issued by: Standardization Administration of China

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Foreword

GB/T 17255 "Prosthetics and orthotics - Classification and description of prosthetic components" is divided into three parts.

--- Part 1. Classification of prosthetic components;

--- Part 2. Description of lower limb prosthetic components;

--- Part 3. Description of upper limb prosthetic components.

This section GB/T 17255 Part 3.

This section identical with ISO 13405-3:1996 "Prosthetics and orthotics - Classification and description of prosthetic components Part 3. upper limb prostheses Description member "(in English).

For ease of use, this section made the following editorial changes.

a) Remove the preface to the international standards;

b) "this International Standard" by "this section." this Part replaces GB/T 17255.3-1998 "Prosthetics and orthotics - Classification and description of prosthetic components - Part 3. upper limb prostheses Description "part. This section compared with the GB/T 17255.3-1998, the main changes are as follows.

a) the normative references, the references GB/T 14191.1 "Prosthetics and orthotics academic language - Part 1. In vitro and prostheses in vitro orthotics basic terminology

"(GB/T 14191.1-2009, ISO 8549-1. 1989, IDT);

b) on the part of inaccurate statements made changes to the terms and definitions, such as "support of" to "support phase", "swing phase" to "put Dynamic phase, "" instantaneous axis of rotation "to" instantaneous center of rotation "and so on.

This section proposed by the People's Republic of China Ministry of Civil Affairs.

This part of the National Rehabilitation and special equipment Standardization Technical Committee on Persons with Disabilities (SAC/TC148) centralized.

This section drafted by. China Rehabilitation Devices Association, orthopedic technology center in Beijing, China orthopedic technical secondary SCHOOL.

Introduction

There is currently no method for classification and description of prosthetic components can be used in an international context. One can imagine, this situation Manufacturers use a word to describe their products and the operator of the medical reports written at the time of reception of specific patient difficult.

The purpose of this part of the standard is to ensure that users can clearly explains the basic components of the finished prosthetic according to the classification and description of the system Features.

Producer's name, materials and production processes used are not included herein.

GB/T 17255.3-2009/ISO 13405-3:1996 Prosthetics and orthotics - Classification and description of prosthetic components Part 3. Description of upper limb prosthetic components

1 Scope

GB/T 17255 provisions of this section describes a method for upper limb prosthetic components.

2 Normative references

The following documents contain provisions which, through reference GB/T 17255 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 14191.1 Prosthetics and orthotics academic language - Part 1. Basic terminology external limb prostheses and external orthoses (GB/T 14191.1-2009, ISO 8549-1. 1989,

IDT) GB/T 17255.1 Prosthetics and orthotics - Classification and description of prosthetic components - Part 1. Classification of prosthetic components (GB/T 17255.1-2009, ISO 13405-1:1996, IDT) ISO 8549-2. 1989 Prosthetics and orthotics academic language - Part 2. With external limb prostheses and prosthetic users such relevant the term

3 Terms and Definitions

GB/T 14191.1, ISO 8549-2. terms and definitions established in 1989 applies to GB/T 17255 in this section.

Category 4

Upper limb prosthetic components according to GB/T 17255.1 The definition includes five types.

5.1.1 Overview

Receiving chamber through the following description.

5.1.2 Amputation

According to the provisions of ISO 8549-2 series of amputation and prosthetic socket production-related statements as follows.

- a) partial hand amputation;
- b) Wrist disarticulation;
- c) the elbow amputation;
- d) elbow disarticulation;
- e) elbow amputation;
- f) shoulder disarticulation;
- g) shoulder girdle amputation.

5.1.3 Force transmission performance

Note: The force transmission and reception performance is directly related to the shape of the cavity, the support, stability and suspension effect of these forces on the receiving chamber is necessary.

GB/T 17255.3-2009/ISO 13405-3:1996