



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

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**Prosthetics and orthotics - Vocabulary - Part 4: Terms relating to
limb amputation
(English Translation)**

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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:

This document is part 4 of GB/T 14191 "Terminology of Prosthetics and Orthopedics": GB/T 14191 has issued the following part:

- Part 1: Basic terms for external limb prostheses and external orthoses;
- Part 2: Terms for prosthetics and prosthetic users;
- Part 4: Amputation terms:

This document is equivalent to ISO 8549-4:2020 "Terminology for prosthetics and orthotics - Part 4: Terminology for amputation":

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

Introduction

At present, there is no unified term to describe the complete amputation plane, amputation process and amputee in China:

This document will assist practitioners in accurately describing amputation-related terminology and facilitate empirical comparisons:

This document is also valuable to epidemiologists and government health authorities:

GB/T 14191 aims to define terms related to prostheses and orthoses and amputations, and is intended to consist of four parts:

--- Part 1: Basic terms for external limb prostheses and external orthoses: The aim is to define prosthetics and orthoses and practitioners basic terms:

--- Part 2: Terms for prosthetics and prosthetic users: The purpose is to define terms related to prosthetics and prosthetic users:

--- Part 3: Terms related to orthoses: The purpose is to define terms related to orthoses:

--- Part 4: Amputation terms: The purpose is to define the terms of surgical amputation, procedure and amputee:

Prosthetics and Orthotics Terminology Part 4: Amputation Terminology

1 Scope

This document defines terms for describing surgical amputations, the amputation process, and those who have been amputated:

This document applies to terms related to amputation:

2 Normative references

There are no normative references in this document:

3 Terms and Definitions

The terminology database addresses used by ISO and IEC for standardization are as follows:

---ISO online browsing platform: <http://www.iso.org/obp>

---International Electrotechnical Commission database website:
<http://www.electropedia.org/>

3.1

General amputation 3.1.1 amputation limbamputation Surgery to remove all or part of a limb:

3.1.2

amputation plane levelofamputation the joint or section where the amputation was performed:

Note: see 3.1:3 for upper limbs and 3:1:4 for lower limbs:

3.1.3

upper limb amputation Surgery to remove all or part of the upper extremity:

3.1.3.1

partial hand amputation Upper extremity amputation with the amputation plane at the wrist and below:

Note 1: Partial hand amputations include:

- Thumb amputation: in which all or part of the thumb is removed;
- Phalangeal amputation: in which some part of one or more fingers is removed;
- metacarpophalangeal joint amputation: with complete removal of one or more fingers;
- metacarpal amputation: in which the amputation plane is in one or more metacarpal bones;
- Carpometacarpal joint amputation: where the amputation plane is at one or more carpometacarpal joints;
- Wrist Amputation: Amputation where the amputation plane is in either carpal bone and/or wrist joint:

Note 2: A complete description of a partial hand amputation requires the determination of the amputation bone and amputation plane: