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Second edition  
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## **Prosthetics and orthotics — Limb deficiencies —**

### **Part 2: Method of describing lower limb amputation stumps**

*Prothèses et orthèses — Malformations des membres —*

*Partie 2: Méthode de description des moignons d'amputation des membres inférieurs*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 168, *Prosthetics and orthotics*.

This second edition cancels and replaces the first edition (ISO 8548-2:1993), which has been technically revised. The main changes to the previous edition are as follows:

- the stump descriptors ([Tables 1 to 7](#)) have been revised;
- the lists of measurements to be taken by all members of the team and the additional measurements to be taken only by the prosthetist have been revised ([Table 8](#)).

A list of all parts in the ISO 8548 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

This document provides a standard method for describing and measuring amputation stumps. Such a method is essential to allow comparisons of the outcomes of amputation surgery and rehabilitation provided by different teams.

The healthcare professionals who will use the method include surgeons of different disciplines, other doctors (especially those concerned with rehabilitation), nurses, physical and occupational therapists and prosthetists.

Such a method is also of value to epidemiologists and government health officials.