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Second edition
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Prosthetics and orthotics — Functional deficiencies — Description of the person to be treated with an orthosis, clinical objectives of treatment, and functional requirements of the orthosis

*Prothèses et orthèses — Malformations des membres — Description
de la condition de l'utilisateur d'orthèse, objectifs cliniques, et
exigences fonctionnelles et biomécaniques de l'orthèse*



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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).

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).

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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.

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

This second edition cancels and replaces the first edition (ISO 8551:2003), which has been technically revised. The main changes compared to the previous edition are as follows:

- the terminology used in this document has been revised to make it fully consistent with the terminology used in Reference [5].

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.

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Introduction

The quality of life of a person will depend on the health conditions which affect them, the consequential impairments to the body functions and structures, and the resulting activity limitations

The aim of orthotic treatment is to manage the impairments, reduce the activity limitations and thus improve participation in all aspects of daily life.

This document provides clinicians with a method of recording the relevant information regarding the condition of their patients, the clinical objectives of treatment and the functional requirements of the orthoses provided to achieve these objectives.

A standard method is essential for comparing the clinical practices and the outcomes of treatment provided in different centres. Such a method is also of value to epidemiologists and government health officials.