
**Prosthetics and orthotics —
Foot orthotics — Uses, functions
classification and description**

*Prothèses et orthèses — Orthèses de pied — Utilisations, fonctions,
classification et description*





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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Uses	2
5 Functions	2
6 Classification and description of devices	2
6.1 Classification	2
6.2 Description of foot orthoses (used in conjunction with footwear)	3
6.3 Description of orthotic footwear	3
6.3.1 Type of fabrication	3
6.3.2 Prefabricated orthotic footwear	3
6.3.3 Custom fabricated orthotic footwear	4
6.4 Description of adaptations (modifications) to footwear	4
Bibliography	5

Foreword

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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).

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For an explanation on 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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

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

Introduction

No internationally accepted method is available to describe devices applied to the foot to address neuromusculoskeletal impairments.

This situation has created problems for practitioners prescribing these devices, for manufacturers when describing their products and for those reporting on the devices used in the treatment of their patients and their effects.

This document proposes the adoption of the term “foot orthotics” for this field of orthotic practice. It also specifies the clinical objectives for the use of these devices and describes their functions and constituent components.

Manufacturers’ trade names and details of materials and manufacturing processes have been avoided.

Prosthetics and orthotics — Foot orthotics — Uses, functions classification and description

1 Scope

This document establishes a method of classifying and describing the devices that are used in the field of foot orthotics. It does not describe the materials or manufacturing methods used for their fabrication.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

foot orthoses

orthoses that encompass the whole or part of the foot intended to address the effect of a neuromusculoskeletal impairment(s)

Note 1 to entry: They can be custom fabricated or prefabricated.

Note 2 to entry: This definition supersedes the definition of “foot orthoses” in ISO 8549-3.

3.2

orthotic footwear

footwear intended to address the effect of a neuromusculoskeletal impairment(s)

Note 1 to entry: These can encompass the ankle joint. These devices are sometimes referred to as “orthopaedic footwear”. They can be custom fabricated or prefabricated.

3.2.1

custom fabricated orthotic footwear

orthotic footwear designed and manufactured to meet the clinical needs of the individual user based on information such as moulds, lasts and measurements

Note 1 to entry: They can include a custom fabricated foot orthosis.

3.2.2

prefabricated orthotic footwear

orthotic footwear designed and manufactured to meet the clinical needs of a particular group of users and which may be available in a range of sizes, styles and materials

Note 1 to entry: They can require adjustments and can include a foot orthosis in order to meet the clinical needs of the individual user.