

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
प्रोस्थेटिक्स और ऑर्थोटिक्स – अंग का अभाव
भाग 4 अंग-विच्छेदन के कारणात्मक स्थितियों का वर्णन करने की रीति

Draft Indian Standard

Prosthetics and Orthotics — Limb Deficiencies
Part 4: Description of Causal Conditions Leading to Amputation

[ICS 11.040.40]

Assistive Products including Rehabilitation Appliances, Orthotic and Prosthetic Items
Sectional Committee, MHD 09

Last date for comments: 26 September 2025

NATIONAL FOREWORD

(Adoption clause will be added later)

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 8548-1: 1989, Prosthetics and orthotics – Limb deficiencies Part 1 Method of describing limb deficiencies present at birth	Doc: MHD 09/28596, Prosthetics and orthotics — Limb deficiencies Part 1 Method of describing limb deficiencies present at birth	Identical
ISO 8548-2: 2020, Prosthetics and orthotics — Limb deficiencies	Doc: MHD 09/28597, Prosthetics and orthotics — Limb deficiencies	Identical

Part 2 Method of describing lower limb amputation stumps	Part 2 Method of describing lower limb amputation stumps	
ISO 8548-3:1993, Prosthetics and orthotics — Limb deficiencies — Part 3 Method of describing upper limb amputation stumps	Doc: MHD 09/28598, Prosthetics and Orthotics — Limb Deficiencies Part 3 Method of Describing Upper Limb Amputation Stumps	Identical
ISO 8549-1: 1989, Prosthetics and orthotics – Vocabulary – Part 1 General terms	IS 13970 (Part 1) : 2023/ISO 8549-1: 2020 Prosthetics and orthotics Vocabulary Part 1 General terms for external limb prostheses and external orthoses (<i>first revision</i>)	Identical
ISO 8549-2: 1989, Prosthetics and orthotics – Vocabulary – Part 2: Terms relating to external limb prostheses and wearers of these prostheses.	IS 13970 (Part 2): 2023/ISO 8549-2: 2020 Prosthetics and orthotics Vocabulary Part 2 Terms relating to external limb prostheses and wearers of these prostheses (<i>first revision</i>)	Identical

In the text of this document, reference has been made to ISO 8549-1: 1989 and ISO 8549-2: 1989. These standards have been revised in 2020 and adopted as IS 13970 (Part 1) and (Part 2) respectively in 2023.

Scope

This part of ISO 8548 establishes a method of describing the causal conditions leading to amputation and the underlying pathology.

Introduction

The outcome of the rehabilitation of a patient who has had an amputation depends not only on the surgery performed and the prosthesis which may be fitted, but also on the cause and underlying condition for which the amputation was performed, and on other disabilities and attributes of the patient. Members of clinic teams in different countries develop their own nomenclature to meet their own needs. Hence there is a need for an international system to be developed in order to compare one publication with another and one patient with another. The different care groups who would appreciate and use a standardized system of describing the reason for amputation and the general state of the patient include surgeons, other doctors (especially those concerned with rehabilitation), physical and occupational therapists and prosthetists. Such a system would also be of value to epidemiologists and government health officials.

The system proposed has to meet the needs of the different members of the clinic team and to enable the description of the cause of amputation and the underlying condition to be recorded in a way that can be easily incorporated in reports. This part of ISO 8548 deliberately aims at defining the minimum information to be described. It should be feasible for this information to be included in forms designed by the individual institution and be capable of ready adaptation for computer analysis.

The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard. For details, please refer to ISO 8548-4:1998 or kindly contact:

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