# INTERNATIONAL STANDARD

ISO 22882

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## Castors and wheels — Requirements for castors for hospital beds

Roues et roulettes — Exigences pour roulettes pour lits d'hôpitaux



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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 liarson with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires applicable by at least 75 % of the member bodies casting a vote.

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ISO 22882 was prepared by Technical Committee ISO/TC 110, Industrial trucks, Subcommittee SC 3, Castors and wheels.

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## Castors and wheels — Requirements for castors for hospital beds

## 1 Scope

This International Standard specifies the technical requirements, the appropriate dimensions and the requirements for testing of swivel castors for hospital beds with a wheel diameter of 100 mm or more, and which have a central locking the requirements for testing of swivel castors may be used with the main principal dimensions.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 22877, Castors and wheels — Vocabulary, symbols and multilingual terminology

ISO 22878:2004, Castors and wheels — Test methods and apparatus

ISO 22881, Castors and wheels — Requirements for use on manually propelled equipment for institutional applications

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 22877 apply. Symbols are given in ISO 22878:2004, Annex A.

### 4 Dimensions and characteristics

## 4.1 Characteristics

The characteristics of a castor are

- wheel diameter,
- overall height,
- offset,
- fixing system, and
- load capacity.

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