

Indian Standard
SPECIFICATION FOR
STRETCHERS AND STRETCHER CARRIERS

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 7 August 1967, after the draft finalized by the Hospital Equipment Sectional Committee had been approved by the Consumer Products Division Council.

0.2 The formulation of Indian Standards on hospital equipment has been taken up on the recommendations of the Advisory Committee for Development of Surgical Instruments, Equipment and Appliances, Government of India.

0.3 This standard is one of a series of Indian Standards on hospital furniture. Other standards published so far are:

IS: 4035-1967 Specification for trolleys, stretcher

IS : 4036-1967 Specification for trolleys, patient's

0.4 Special attention has been paid to the essential dimensions of the stretchers and stretcher carriers to ensure interchangeability and thus to facilitate the passage of sick or injured persons from one place to another and their movement in different forms of transport.

0.5 Stretchers are made in several types and designs. These include rigid type stretchers, folding stretchers, stretchers with various straps for keeping the patient in position, canvas stretchers, etc. As it is not possible to include all types of stretchers with varying details, in this standard, only the principal dimensions have been specified.

0.6 In preparing this standard, considerable assistance has been derived from the following:

ISO/R 168-1960 (E) Stretchers, stretcher carriers and hospital trolleys, dimensions. International Organization for Standardization.

IND/GS/MED/504 (C) Trolley patients, complete. Chief Inspectorate of General Stores, Ministry of Defence, Government of India.

B.S. 896: Part 1: 1960 Specification for stretchers and stretcher carriers (dimensions). British Standards Institution.

IS : 4037 - 1967

0.7 In some of the clauses of this standard, reference has been made to IS:4033 'General requirements for hospital furniture' which is under preparation. Until this standard is published, the requirements in such clauses shall be subject to agreement between the concerned parties.

0.8 This standard contains clauses which call for agreement between the purchaser and the supplier. The relevant clauses are **3.1 (b)** and **6.1**.

0.9 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS: 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard specifies the essential dimensions and other requirements for stretchers and stretcher carriers to ensure suitability and usability in different forms of transport, thus eliminating the need to transfer patients from one stretcher to another.