Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 2: Muudetava asendiga kanderaam

Patient handling equipment used in road ambulances - Part e, sher 2: Power assisted stretcher



FESTI STANDARDI FESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1865-2:2010 sisaldab Euroopa standardi EN 1865-2:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.09.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 04.08.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 1865-2:2010 consists of the English text of the European standard EN 1865-2:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 30.09.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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ICS 11.160

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EUROPEAN STANDARD

EN 1865-2

NORME EUROPÉENNE EUROPÄISCHE NORM

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Supersedes EN 1865:1999

English Version

Patient handling equipment used in road ambulances - Part 2: Power assisted stretcher

Spécifications d'équipements pour le transport de patient dans les ambulances routières - Partie 2: Brancard motorisé

Krankentransportmittel im Krankenkraftwagen - Teil 2: Kraftunterstützte Krankentrage

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 1865-2:2010) has been prepared by Technical Committee CEN/TC 239 "Rescue systems", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2011, and conflicting national standards shall be withdrawn at the latest by February 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

Together with EN 1865-1, EN 1865-3, EN 1865-4 and EN 1865-5 this document supersedes EN 1865:1999.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

This European Standard is a part of EN 1865, *Patient handling equipment used in road ambulances*, which consists of the following parts:

- Part 1: Specification for general stretcher systems and patient handling equipment
- Part 2: Power assisted stretcher
- Part 3: Heavy duty stretcher (at draft stage)
- Part 4: Mechanical assisted transfer chair (at draft stage)
- Part 5: Stretcher support (at draft stage)

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Introduction

a made i evant for co In this standard reference is made to EN 1789 which specifies design requirements and test methods for road ambulances, which are relevant for checking requirements for such handling equipment.

1 Scope

This European Standard defines minimum requirements for the design and performance of power assisted stretchers used in road ambulances for the treatment and transportation of patients. It aims to ensure patient safety and minimize the physical effort required by staff operating the equipment.

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.

EN 597-1, Furniture — Assessment of the ignitability of mattresses and upholstered bed bases — Part 1: Ignition source: Smouldering cigarette

EN 980, Symbols for use in the labelling of medical devices

EN 1041, Information supplied by the manufacturer of medical devices

EN 1789:2007+A1:2010, Medical vehicles and their equipment — Road ambulances

EN 1865-1, Patient handling equipment used in road ambulances — Part 1: Specification for general stretcher systems and patient handling equipment

EN 60601-1-2, Medical electrical equipment — Part 1-2: General requirements for basic safety and essential performance — Collateral standard: Electromagnetic compatibility — Requirements and tests (IEC 60601-1-2:2007, modified)

EN 62366, Medical devices — Application of usability engineering to medical devices (IEC 62366:2007)

EN ISO 14971, Medical devices — Application of risk management to medical devices (ISO 14971:2007, Corrected version 2007-10-01)

3 Terms and definition

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

3.1

power assisted stretcher

device designed for the conveyance of sick and/or injured persons or those in labour in transit in a recumbent position in safety and in comfort whilst facilitating treatment and providing powered movements in the operation of the stretcher to reduce the physical effort required by operatives

4 Requirements

4.1 General

When operated and maintained in accordance with the manufacturer's instructions, power assisted stretchers shall not present any high level of risk. Any identified risk shall be reduced to an acceptable level by using risk management principles in accordance with EN ISO 14971.

Power assisted stretchers shall also: