National Standards Authority of Ireland

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SUCTION CATHETERS FOR USE IN THE RESPIRATORY TRACT

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English version

Suction catheters for use in the respiratory tract

Sondes d'aspiration pour les voies respiratoires

Absaugkatheter zur Verwendung im Atemtrakt

This European Standard was approved by CEN on 16 October 2002.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

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Contents

Foreword

This document (EN 1733:2002) has been prepared by Technical Committee CEN/TC 215, "Respiratory and anaesthetic equipment", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by May 2003, and conflicting national standards shall be withdrawn at the latest by May 2003.

This document supersedes EN 1733:1998.

This European Standard is based on ISO 8836:1997 *Suction catheters for use in the respiratory tract*, prepared by ISO/TC 121.

It differs from ISO 8836:1997 in that it recognises a distinction between tracheal and endobronchial suction catheters.

Annex A is informative. Annexes B and C are normative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Standard specifies dimensions and requirements for suction catheters for use in the respiratory tract.

Size is designated by outside diameter which is important when selecting catheters, because of its relationship to the ease with which the catheter can be passed through a tracheal or tracheostomy tube (see EN 1782 for details of tracheal tube standards and EN 1282-1 and EN 1282-2 for details of tracheostomy tube standards). Requirements for suction catheters made of rubber have been deleted because such catheters are no longer in general use.

This European Standard recognises the potential for damage to the mucosa through the use of suction catheters with a terminal orifice only and restricts this tip configuration to endobronchial suction catheters, which are used under visual guidance.

Flammability of suction catheters, for example if flammable anaesthetics or lasers are used, is a well-recognized hazard that is addressed by appropriate clinical management, and is outside the scope of this standard (See ISO/TR 11991)