SLOVENSKI STANDARD
SIST EN ISO 23372:2022

01-julij-2022

Nadomešča:
SIST EN 13544-3:2002+A1:2009

Anestezijska in dihalna oprema - Vhodne naprave za zrak (ISO 23372:2022)

Anaesthetic and respiratory equipment - Air entrainment devices (ISO 23372:2022)

Atemtherapiegeräte - Luftbeimischgeräte (ISO 23372:2022)

Matériel d'anesthésie et de réanimation respiratoire - Dispositifs d'entraînement d'air (ISO 23372:2022)

Ta slovenski standard je istoveten z: **EN ISO 23372:2022**

ICS:

11.040.10	Anestezijska, respiratorna in reanimacijska oprema	Anaesthetic, respiratory and reanimation equipment

SIST EN ISO 23372:2022 **en,fr,de**

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EUROPÄISCHE NORM

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English Version

Anaesthetic and respiratory equipment - Air entrainment devices (ISO 23372:2022)

Matériel d'anesthésie et de réanimation respiratoire - Dispositifs d'entraînement d'air(ISO 23372:2022)

Atemtherapiegeräte - Luftbeimischgeräte (ISO 23372:2022)

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 23372:2022) has been prepared by Technical Committee ISO/TC 121 "Anaesthetic and respiratory equipment" in collaboration with 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of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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The text of ISO 23372:2022 has been approved by CEN as EN ISO 23372:2022 without any modification.

INTERNATIONAL STANDARD

ISO 23372

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Anaesthetic and respiratory equipment — Air entrainment devices

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Foreword

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This document was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 2, *Airways and related equipment*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 215, *Respiratory and anaesthetic equipment*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Air entrainment devices, commonly known as venturi masks, are used to provide a known concentration of oxygen to a patient at a known set flow. This is achieved by driving the oxygen through a controlled diameter orifice and entraining room air through side openings These devices are available in various concentrations and can ensure continuity over a long period of time within relatively close limits of accuracy.

However, the use of these devices does not guarantee that the patient receives the designated oxygen concentration as there are physiological factors such as the patient's ventilatory pattern, lung compliance and airway resistance, and physical factors such as the fit of the mask, movement by the patient, etc[2].