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Anaesthetic and respiratory equipment — Supralaryngeal airways and connectors

Matériel d'anesthésie et de réanimation respiratoire — Canules supralaryngées et raccords

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment* Subcommittee SC 2, *Airway devices and related equipment*.

This second edition cancels and replaces the first edition (ISO 11712:2009), which has been technically revised.

The main changes are as follows:

— the format of this document has changed to align with ISO 18190; and

— conformity checks for each requirement have been added.

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.

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Introduction

A *supralaryngeal airway* is a medical device placed through the mouth, without passing through the vocal cords, intended to seal the supralaryngeal area to isolate the respiratory pathway from gases and liquids in the pharynx and to maintain airway patency to facilitate ventilation in anaesthetized or unconscious patients with or without delivery of anesthetic gases. Ventilation may be spontaneous, assisted or controlled. *Supralaryngeal airways* intended to provide a breathing airway and/or to simultaneously provide a guide for the intubation of tracheal tubes, bronchoscopes and suction devices are also included in the scope of this document, as are the *connectors* inserted into the *machine end* of these devices.

Examples of *supralaryngeal airways* are laryngeal masks, laryngeal tubes, airways and seals, cuffed oropharyngeal airways, and pharyngeal airways, and combination airway/oesophageal obturators.

The requirements of this document were developed using the hazard identification for risk assessment in Annex D.

The requirements for testing and disclosure apply to *supralaryngeal airways* introduced to the market after the publication of this document.

This document is written following the format of ISO 18190. The requirements in this document take precedence over any conflicting requirements in ISO 18190.

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