

<b>STN</b>	<b>Stomatológia</b> <b>Sinusový elevátor (ISO 19490: 2017)</b>	<b>STN</b> <b>EN ISO 19490</b>  85 6384
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Dentistry - Sinus membrane elevator (ISO 19490:2017)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/17

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EUROPEAN STANDARD

**EN ISO 19490**

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English Version

**Dentistry - Sinus membrane elevator (ISO 19490:2017)**Médecine bucco-dentaire - Sinus membrane éleveurs  
(ISO 19490:2017)Zahnheilkunde - Sinusmembranelevator (ISO  
19490:2017)

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<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## European foreword

This document (EN ISO 19490:2017) has been prepared by Technical Committee ISO/TC 106 “Dentistry” in collaboration with Technical Committee CEN/TC 55 “Dentistry” 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of an identical text or by endorsement, at the latest by December 2017, and conflicting national standards shall be withdrawn at the latest by December 2017.

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**Dentistry — Sinus membrane elevator**

*Médecine bucco-dentaire — Sinus membrane éleveurs*



Reference number  
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# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Classification</b> .....	<b>2</b>
<b>5 Requirements</b> .....	<b>2</b>
5.1 Material of the working end.....	2
5.2 Material for the handle.....	2
5.3 Dimensions.....	2
5.4 Surface finish.....	2
5.5 Resistance to reprocessing.....	2
5.6 Hardness of the working end.....	2
5.7 Connection of shank and handle.....	2
5.8 Shape of working end.....	2
<b>6 Test method</b> .....	<b>4</b>
6.1 Measurement of length.....	4
6.2 Test on surface finish.....	4
6.3 Test on resistance to reprocessing.....	4
6.4 Hardness test.....	4
6.5 Connection of shank and handle.....	4
6.5.1 Test under tensile force.....	4
6.5.2 Test under torque.....	4
<b>7 Marking</b> .....	<b>4</b>
7.1 Marking on the instrument.....	4
7.2 Labelling on the package.....	4
7.3 Instructions for use.....	4
<b>Bibliography</b> .....	<b>5</b>

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 documents 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](http://www.iso.org/directives)).

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For an explanation on 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 the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee 4, *Dental instruments*.

## **Introduction**

A sinus membrane elevator is a dental instrument used during the placement of dental implants for sinus floor lifting to augment the vertical bone thickness. These types of sinus membrane elevator are addressed in this document.



# Dentistry — Sinus membrane elevator

## 1 Scope

This document specifies requirements and their test methods for sinus membrane elevators used during the placement of dental implants for sinus floor lifting. It also specifies the requirements for their marking and labelling.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 1942, *Dentistry — Vocabulary*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method*

ISO 13504:2012, *Dentistry — General requirements for instruments and related accessories used in dental implant placement and treatment*

ISO 15087-1, *Dental elevators — Part 1: General requirements*

ISO 16443, *Dentistry — Vocabulary for dental implants systems and related procedure*

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