ISO/FDIS_19490:2025(en)

ISO-<u>/</u>TC-_106/SC-_4/WG 13

Secretariat:-_DIN

Date: 2025-02-2804-01

Dentistry-_— Sinus membrane elevator

Médecine bucco-dentaire—<u>Sinus</u>—<u>Élévateur de</u> membrane <u>élevateurs sinusienne</u>

iTeh Standards

FDIS stage

ISO/FDIS 19490

ISO/DISFDIS 19490:2024(E2025(en)

© ISO 20242025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office

CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11

Email E-mail: copyright@iso.org
Website: www.iso.org

Published in Switzerland

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/FDIS 19490

ISO/FDIS 19490:2025(en)

Contents

<u>Fore</u>	<u>wordiv</u> iv	
<u>Intro</u>	<u>oduction</u> vi	
1	Scope1	
2	Normative references1	
3	Terms and definitions1	
4	Classification	
5	Requirements 2	
5.1	General2	
5.2	Resistance to reprocessing2	
5.3	Hardness of the working part	
5.4	Connection of shank and handle2	
5.5	Shape of working part2	
6	Test method5	
7	Marking, labelling and packaging5	
8	Instruction for use5	
	iTeh Standards iver duction (httms://standardsitah.si) vi	
1—	—Scope1	
- 2	Normative references DOCUMENT Preview 1	
3	Terms and definitions	
41		
<u>5</u>	Requirements 2	
_	General 2	
	Resistance to reprocessing	
	— Resistance to reprocessing	
5.4 —	— Connection of shank and handle	
5.5 —	Shape of working part2	
6	— Test method	
7—	— Marking, labelling and packaging4	
8	—Instruction for use 4	

ISO/DISFDIS 19490:2024(E2025(en)

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 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/).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents.www.iso.org/pate

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN

This second edition cancels and replaces the first edition (ISO 19490:2017), which has been technically revised.

The main changes are as follows:

— —а	new reference (ISO 4865-1) has been added to Clause 2; Clause 2;
— a	new reference (ISO 17664-1) has been added to Clause 2; Clause 2;
— re	equirements and test methods have been referenced from ISO 4865-1;
0	verall lengths have been reduced from 178 mm to 173 mm;
— —a	new figure has been added in Type 1 classification:
— m	narking, labelling and packaging specifications from ISO 4865-1 have been added to Clause 7. Clause 7;
— in	nstruction for use from ISO 4865-1 and ISO 17664-1 have been added to Clause 8.Clause 8.

ISO/FDIS 19490:2025(en)

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.

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/FDIS 19490

ISO/DISFDIS 19490:2024(E2025(en)

Introduction

A sinus membrane elevator is a dental instrument. It is used during the placement of dental implants for sinus floor lifting to augment the vertical bone thickness. This document addresses these types of sinus membrane elevator.

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/FDIS 19490