INTERNATIONAL STANDARD

ISO 1942

Third edition
2020-10

Dentistry — Vocabulary

Médecine bucco-dentaire — Vocabulaire

This document is a preview generated by EVS

Reference number
ISO 1942:2020(E)

© ISO 2020

This document is a preview generated by EVS



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

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: copyright@iso.org
Website: www.iso.org

Published in Switzerland

 © ISO 2020 – All rights reserved

Contents

Page

Foreword ... **iv**
Introduction ... **v**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms and definitions ... **1**
3.1 Dental terminology and general terms ... 1
3.1.1 Anatomical concepts ... 1
3.1.2 Branches of dentistry ... 4
3.1.3 Clinical concepts ... 5
3.1.4 Devices and occupational concepts ... 8
3.2 Restorative and orthodontic materials ... 11
3.2.1 ZOE cements ... 11
3.2.2 Endodontic materials ... 11
3.2.3 Resin-based pit and fissure sealants ... 12
3.2.4 Amalgam/mercury ... 12
3.2.5 Luting cements, bases and liners ... 12
3.2.6 Orthodontic products ... 13
3.2.7 Adhesive and etching components ... 14
3.3 Prosthodontic materials ... 14
3.3.1 General prosthodontics concepts ... 14
3.3.2 Dental ceramics ... 18
3.3.3 Impression materials ... 19
3.3.4 Noble metal casting alloys ... 21
3.3.5 Resilient lining materials ... 22
3.3.6 Denture base polymers ... 22
3.3.7 Dental waxes ... 23
3.3.8 Artificial teeth ... 24
3.4 Instruments ... 24
3.4.1 Rotary instruments ... 24
3.4.2 Dental handpieces ... 24
3.4.3 Dental hand instruments ... 25
3.4.4 Endodontic instruments ... 26
3.5 Dental equipment ... 26
3.6 Oral care products ... 27
3.7 Dental implants ... 28
Annex A (informative) **Information helpful to understand the structure and content of ISO 1942 35**
Bibliography ... **37**

This document is a preview generated by EVS

© ISO 2020 – All rights reserved

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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 3, *Terminology,* 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 (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 1942:2009), which has been technically revised.

The main change compared to the previous edition is as follows: a systematic arrangement of terminology necessary for the development of standards related to dentistry according to ISO directives has been integrated.

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.

This document is a preview generated by EVS

 © ISO 2020 – All rights reserved

Introduction

This document is cited in Clause 2 of most of the ISO documents in the field of dentistry. Its content, therefore, is fundamental for the proper understanding of those documents. It is also important to understand the terms and definitions in this document when a new standard is developed, or existing standards are revised in ISO/TC 106.

The content and format of this document have been developed in accordance to References [1] to [5].

Also, terminological entries have been arranged and grouped reflecting the structure and scope/responsibilities of each subcommittee in TC 106. The sub-categorization of terminological entries essentially follows the scope of each working group within the subcommittee, except for general concepts that include anatomical, branches of dentistry, clinical and occupational. Annex A describes inclusion and exclusion criteria as well as other information helpful to understand the structure and content of this document.

This document is a preview generated by EVS

© ISO 2020 – All rights reserved

This document is a preview generated by EVS

Dentistry — Vocabulary

This document is a preview generated by EVS

1 Scope

This document defines terms used in dental product standards.

This document aims to facilitate the standard development process and the comprehension of standards, and to improve communication with the FDI World Dental Federation, the World Health Organization and other organizations interested in standardization.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1 Dental terminology and general terms

3.1.1 Anatomical concepts

3.1.1.1
dental organ
tissue complex comprising the tooth and its supporting structures

3.1.1.2
anterior teeth
mandibular and maxillary centrals, laterals and canines

3.1.1.3
posterior teeth
mandibular and maxillary molars and premolars

3.1.1.4
clinical crown
part of a tooth not covered by soft or supporting hard tissue

3.1.1.5
anatomical crown
crown
<natural tooth> portion of a tooth normally covered by, and including, the *enamel* (3.1.1.14)

3.1.1.6
visible crown
part of the *anatomical crown* (3.1.1.5) which is accessible to visual examination without manipulation of the surrounding gingival tissues

© ISO 2020 – All rights reserved