STN

Stomatológia Zinkoxidovo-eugenolové a zinkoxidovo-neeugenolové cementy (ISO 3107: 2022)

STN EN ISO 3107

85 6341

Dentistry - Zinc oxide-eugenol cements and non-eugenol zinc oxide cements (ISO 3107:2022)

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

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English Version

Dentistry - Zinc oxide-eugenol cements and non-eugenol zinc oxide cements (ISO 3107:2022)

Médecine bucco-dentaire - Ciments à l'oxyde de zinceugénol et à l'oxyde de zinc sans eugénol (ISO 3107:2022) Zahnheilkunde - Zinkoxid-Eugenol und Zinkoxid-Nichteugenol-Zemente (ISO 3107:2022)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 3107:2022 (E)

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European foreword

This document (EN ISO 3107:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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Endorsement notice

The text of ISO 3107:2022 has been approved by CEN as EN ISO 3107:2022 without any modification.

INTERNATIONAL STANDARD

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Dentistry — Zinc oxide-eugenol cements and non-eugenol zinc oxide cements

Médecine bucco-dentaire — Ciments à l'oxyde de zinc-eugénol et à l'oxyde de zinc sans eugénol





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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).

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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 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*, 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 fifth edition cancels and replaces the fourth edition (ISO 3107:2011), of which it constitutes a minor revision.

- replace "zinc oxide/eugenol cement" with "zinc oxide-eugenol cement",
- replace "non-eugenol cement" with "non-eugenol zinc oxide cement", and
- replace "aromatic oils" with "oil(s) other than eugenol".

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

Specific qualitative and quantitative requirements for freedom from biological hazard are not included in this document, but it is intended that in assessing possible biological or toxicological hazards, reference be made to ISO 10993-1 and ISO 7405.

Dentistry — Zinc oxide-eugenol cements and non-eugenol zinc oxide cements

1 Scope

This document specifies requirements for zinc oxide-eugenol cements suitable for use in restorative dentistry for temporary cementation, for bases and as temporary restorations.

This document also specifies requirements for non-eugenol zinc oxide cements containing zinc oxide and oil(s) other than eugenol for temporary cementation.

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 2590, General method for the determination of arsenic — Silver diethyldithiocarbamate photometric method

ISO 3696:1987, Water for analytical laboratory use — Specification and test methods

koniec náhľadu – text ďalej pokračuje v platenej verzii STN