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Dentistry - Designation system for tooth development stages (ISO 5365:2024)

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. 06/24

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## Dentistry - Designation system for tooth development stages (ISO 5365:2024)

Médecine bucco-dentaire - Système de désignation des stades de développement dentaire (ISO 5365:2024)

Zahnheilkunde - Bezeichnungssystem für die Entwicklungsstadien der Zähne (ISO 5365:2024)

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**EN ISO 5365:2024 (E)**

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## **European foreword**

This document (EN ISO 5365:2024) 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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.

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## **Endorsement notice**

The text of ISO 5365:2024 has been approved by CEN as EN ISO 5365:2024 without any modification.



# International Standard

**ISO 5365**

## **Dentistry — Designation system for tooth developmental stages**

*Médecine bucco-dentaire — Système de désignation des stades de  
développement dentaire*

**First edition  
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## ISO 5365:2024(en)

### Foreword

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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).

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## ISO 5365:2024(en)

### Introduction

Many age estimation methods using various body systems exist; however, the human dentition is considered one of the most accurate biological indicators of chronological age. Because tooth development is predominantly regulated by genetics, environmental factors have only a minimal effect on the development process.

Dental age assessment is typically based on 2D radiographic data correlating the degree of tooth development to the chronological age of a population. However, there are different scoring systems, with different numbers of stages and nomenclature of stages. Furthermore, different methods use the same scoring system and have different time intervals. Therefore, the number of dental developmental stages can vary greatly depending on the method used. In addition, some methods only offer diagrams, without descriptors, of tooth stages, which can lead to ambiguity in stage assignment and can affect the accuracy of the result of a technique.

Therefore, creating a standardized terminology with diagrams for tooth developmental stages is vital to improve the consistency of these score attributions, add objectivity to the assessment and improve the accuracy of the results.

For the purposes of this document, the tooth designation is assigned as outlined in ISO 3950.

# Dentistry — Designation system for tooth developmental stages

## 1 Scope

This document specifies a method for designating the coding and nomenclature for tooth developmental stages using a single letter and number to facilitate data entry and support interoperability.

The first letter represents the part of the tooth (crown, root and apex), and the number represents the stage of development of the tooth part.

## 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 20888, *Dentistry — Vocabulary and designation system for forensic oro-dental data*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**