

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
दंत चिकित्सा — डिजिटल संस्करण उपकरण
भाग 2 इम्प्लांटेड उपकरणों की परिशुद्धता आंकलन करने की पद्धति

Draft Indian Standard
Dentistry — Digital Impression Devices
Part 2 Methods for Assessing Accuracy for Implanted Devices

[ICS 11.060.01]

Dentistry Sectional Committee, MHD 08

Last date for comments: **16 June 2025**

NATIONAL FOREWORD

(Adoption clause will be added later)

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’; and
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 1942 Dentistry — Vocabulary	IS 17895 : 2023/ISO 1942 : 2020 Dentistry — Vocabulary	Identical
ISO 3534-1 Statistics — Vocabulary and symbols Part 1: General statistical terms and terms used in probability	IS 7920 (Part 1) : 2012 Statistics — Vocabulary and symbols Part 1 General statistical terms and terms used in probability (<i>third revision</i>)	Technically Equivalent
ISO 16443:2014 Dentistry — Vocabulary for dental	IS 18191 : 2023/ISO 16443 : 2014 Dentistry — Vocabulary for	Identical

implants systems and related procedure	dental implants systems and related procedure	
ISO 18739 Dentistry — Vocabulary of process chain for CAD/CAM systems	IS 18672 : 2024/ISO 18739 : 2016 Dentistry — Vocabulary of process chain for CAD/CAM systems	Identical
ISO 20896-1 Dentistry — Digital impression devices — Part 1: Methods for assessing accuracy	IS 18489 (Part 1) : 2024 Dental — Digital impression devices Part 1 Method for assessing accuracy (ISO 20896-1 : 2019, MOD)	Modified
ISO/IEC Guide 99 International vocabulary of metrology — Basic and general concepts and associated terms (VIM)	IS/ISO/IEC Guide 99 : 2007 International vocabulary of metrology — Basic and general concepts and associated terms (VIM)	Identical

The Committee responsible for the preparation of this standard has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 5725-1	Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions
ISO/IEC Guide 98-3 : 2008	Uncertainty of measurement — Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)

In reporting the result of a test or analysis made in accordance with this standard, is to be rounded off, it shall be done in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Scope

This document describes methods of acquiring and analysing data from which the accuracy of a numerical model of the geometry of the mucosa and implant bodies in the jaw of a patient can be assessed.

The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard.
For details, please refer to ISO/TR 20896-2 : 2023 or kindly contact:

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