

SYNOPSIS

Doc: MHD 08 (14115) IS/ISO 14801:2016 Dentistry — Implants — Dynamic loading test for endosseous dental implants

a) Scope:

This Standard specifies a method of dynamic testing of single post endosseous dental implants of the transmucosal type in combination with their premanufactured prosthetic components.

It is most useful for comparing endosseous dental implants of different designs or sizes. This Standard is not a test of the fundamental fatigue properties of the materials from which the endosseous implants and prosthetic components are made.

b) Salient features of content:

This Standard is not applicable to dental implants with endosseous lengths shorter than 8 mm nor to magnetic attachments.

While this Standard simulates the functional loading of an endosseous dental implant under “worst case” conditions, it is not applicable for predicting the in vivo performance of an endosseous dental implant or dental prosthesis, particularly if multiple endosseous dental implants are used for a dental prosthesis.

c) Type/grades/classes, if any covered in the standard: Nil
