



American National Standard/
American Dental Association
Specification No. 113

Periodontal Curettes, Dental Scalers and Excavators

Modified adoption of ISO 13397-1-1995, *Periodontal curettes, dental scalers and excavators – Part 1: General requirements*; and ISO 13397-2-2005, *Dentistry – Periodontal curettes, dental scalers and excavators – Part 2: Periodontal curettes of Gr-type*.

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 113
FOR PERIODONTAL CURETTES, DENTAL SCALERS AND EXCAVATORS

The Council on Scientific Affairs of the American Dental Association has approved American Dental Association Specification No. 113 for Periodontal Curettes, Dental Scalers and Excavators. This and other specifications for dental materials, instruments and equipment are being formulated by working groups of the ADA Standards Committee on Dental Products (formerly Accredited Standards Committee MD156 for Dental Materials, Instruments and Equipment). The Committee has representation from all interests in the United States in the standardization of materials, instruments and equipment in dentistry. The Council has adopted the specifications, showing professional recognition of their usefulness in dentistry, and has forwarded them to the American National Standards Institute with a recommendation that the specifications be approved as American National Standards. The American National Standards Institute granted approval of ADA Specification No. 113 as an American National Standard on July 3, 2008.

The Council thanks the working group members and the organizations with which they were affiliated at the time the specification was developed: Keith Dunn (Chairman), Hu-Friedy, Chicago, IL; Tadasha Culbreath, Howard University, Alexandria, VA; Kevin Frazier, Medical College of Georgia, Augusta, GA; Lonnie Graybill, Miltex Instrument Co., Inc., York, PA; Allen Holowecky, Miltex Instrument Co., Inc., York, PA; Shannon Mills, Organization for Safety and Asepsis Procedures; and Rich Shapiro, Hu-Friedy, Chicago, IL.

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 113 FOR PERIODONTAL CURETTES, DENTAL SCALERS AND EXCAVATORS

FOREWORD

(This Foreword does not form a part of the Proposed ANSI/ADA Specification No. 113 for Periodontal Curettes, Dental Scalers and Excavators).

This specification is a modified adoption of ISO 13397-1-1995, Periodontal curettes, dental scalers and excavators – Part 1: General requirements; and ISO 13397-2-2005, Dentistry – Periodontal curettes, dental scalers and excavators – Part 2: Periodontal curettes of Gr-type.

ADA SCDP Working Group 4.28, Hand Instruments, reviewed the international standards for possible adoption. The consensus was that the general standard, ISO13397-1 and ISO13397-2 were not acceptable in total as an ANSI/ADA standard, however, with certain changes these standards could be made acceptable.

Modifications - Rationale

Some of the changes were editorial in nature, however, the following changes are technical in nature and are needed to modernize these standards. Such changes would bring these standards into alignment with the present requirements of the end user.

Summary of Changes to ISO 13397-1

Clause 5.1

Other materials, including coatings, could still meet the requirements of ISO 7153-1 yet not be made completely from martensitic stainless steel. Add the wording, "...or other materials that meet the requirements of..." after "complying."

Clause 6.3

The paragraph which allows for the presence of corrosion on the instrument handle has been removed. Today's sterilization processes, particularly automated parts washers, require that instruments be corrosion free after steam sterilization processing.

Clause 7.5.2

The torque value for excavators of the union between the working end and the handle has been changed from 400 N*cm to 200 N*cm. Actual torque values held at the tip of common excavators are approximately of 30 – 40 N*cm. The new proposed torque value will have 5X safety factor.

Summary of Changes to ISO 13397-2

Clause 3

Terms and Definitions have been incorporated into this ADA standard in their entirety.

Clause 4

The design and dimensions of Gracey-type curette instruments have been incorporated into this ADA standard in their entirety.