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American National Standard/
American Dental Association
Specification No. 73

Dental Absorbent Points

Modified adoption of ISO 7551:1996, *Dental absorbent points*.

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AMERICAN NATIONAL STANDARD/ AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 73 FOR DENTAL ABSORBENT POINTS

The Council on Scientific Affairs of the American Dental Association has approved American Dental Association Specification No. 73 for Dental Absorbent Points. 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. 73 as an American National Standard on April 4, 2008.

The Council thanks the working group members and the organizations with which they were affiliated at the time the specification was developed: Frank Lentine (Chairman), Lentine Enterprises, Ltd., Taylor, MI; Timothy Svec (Secretary), Tigard, OR; T. Chang, Block Drug Co., Jersey City, NJ; Dave Clement, University of Oklahoma HSC, Oklahoma City; Gerald Glickman, Baylor College of Dentistry, Dallas, TX; Lonnie Graybill, Miltex Corp., York, PA; John Ingle, American Association of Endodontists, San Diego, CA; Nick Lenz, Endodent, Inc., Duarte, CA; Neill Luebke, Brookfield, WI; Randall Maxwell, Dentsply Tulsa Dental Specialties, Tulsa, OK; Spiro Megremis, American Dental Association, Chicago, IL; Brahma Sharma, Biotrol Int., Louisville, CO; Michael Sobotka, Charles B. Schwed Co., Kew Gardens, NY; and Lars Spangberg, University of Connecticut, Farmington.

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FOREWORD

(This Foreword does not form a part of ANSI/ADA Specification No. 73 Dental Absorbent Points)

This revised specification is a modified adoption of ISO 7551:1996, Dental absorbent points. Members of SCDP Working Group 1.5 examined the standard and found it acceptable for adoption as revised ANSI/ADA Specification No. 73 Dental Absorbent Points with the following modifications.

The working group revised the specification to provide an update to current format and references. Major changes were made to 4.2.3 Color and 4.3.2 Taper. The marking requirement to indicate principal binders was removed. Figure 1 was eliminated. This figure was useful when the idea of the designation of taper sizes was introduced. Since taper sizes have become well known, this figure is no longer needed.

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1 SCOPE AND CLASSIFICATION

1.1 Scope

This standard specifies requirements and test methods for nonmedicated absorbent points used in endodontic procedures. For the purposes of this document, points refer to dental absorbent points.

The requirements apply to points which have been sterilized once in a manner approved by the manufacturer. Points include standard and taper sized points.

This standard does not specify requirements or test methods for sterility and/or freedom from biological hazard of points.

2 APPLICABLE SPECIFICATIONS AND REGULATIONS

The following documents form a part of this specification.

2.1 Specifications

ANSI/ADA Specification No. 28 for Root Canal Files and Reamers, Type K

ANSI/ADA Specification No. 78 for Endodontic Obturating Cones

ANSI/ADA Specification No. 41 for Recommended Standard Practices for Biological Evaluation of Dental Materials, containing the following Procedures for Endodontic Materials. ANSI/ADA Document No. 41 Type III, Class 2 Root Canal Filling Materials: 4.4.1 Cytotoxicity; 4.4.2 Hemolysis; 4.4.3 Ames Test; 4.4.4 Cell Transformation; 4.4.11 Subcutaneous Implantation; 4.4.1 Sensitization and 4.4.16 Endodontic Usage Test.

(Copies of ANSI/ADA specifications may be obtained from the American Dental Association, 211 E Chicago, IL, 60611 or www.adacatalog.org).

2.2 Regulations

Quality System Requirements (QSR) issued by the Food and Drug Administration. S. Pharmacopeia.

(Copies available from the Drug Standards Division, OSPC, Inc., 12601 Twinbrook Parkway, Rockville, MD 26852).

3 DEFINITIONS

For the purposes of this specification the following definitions are applicable.

3.1 **Standard absorbent point:** Point with standardized dimensions and a standardized taper of 0.02 mm per millimeter of length.

3.2 **Taper size absorbent point:** Point with dimensions and taper at the discretion of the manufacturer.

3.3 **Point:** The entire point.

3.4 **Tip:** Narrow end of a point.

3.5 **Unit Pack:** Smallest pack distributed which contains one or more points of one or more sizes.