

American Dental Association
Specification No. 34

Dental Aspirating Syringes

ADA American
Dental
Association®
Council on
Scientific Affairs

1978

**AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION
SPECIFICATION NO. 34 DENTAL ASPIRATING SYRINGES**

The Council on Scientific Affairs of the American Dental Association has reaffirmed American Dental Association Specification No. 34 for Dental Aspirating Syringes (1978). The formulation of this and other specifications for dental materials, instruments, and equipment is being carried on through 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, equipment, and instruments 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. The American National Standards Institute originally granted approval of ADA Specification No. 34 as an American National Standard on March 16, 1978 and subsequently reaffirmed the specification on April 25, 2000.

The Council acknowledges, with thanks, the working group members and their affiliations at the time the specification was formulated: Sydney G. Gordon (chairman), Tavares, FL; Gerald D. Allen, University of California, Los Angeles; Charles D. Alling, University of Alabama, Birmingham; Gerald T. Charbeneau, university of Michigan, Ann Arbor; Gordon Fisher, MPL, Inc., Chicago; Stanley N. Garber, Sherwood Medical Industries, St. Louis; Jess Hayden, Jr., University of Colorado, Denver; Noel W. Hiatt, Grove City, Ohio; James Lee, Cook Waite Laboratories, Inc., New York, NY; Roberta Leonard, American Dental Association, Chicago; Frank M. McCarthy, University of Southern California, Los Angeles; Oscar Malmin, The Endovage Corporation, Akraon, Ohio; Emanueul Margulis, Graham Chemical Corporation, Jamaica, NY; Joseph C. Oakley, Astra Pharmaceutical Products, Worchester, Mass; and Robert Simon, Defense Personnel Support Center, Philadelphia.

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**ADDENDUM TO AMERICAN NATIONAL STANDARD/AMERICAN
DENTAL ASSOCIATION SPECIFICATION NO. 34
DENTAL ASPIRATING SYRINGES**

Addendum to American National Standards Institute/American Dental Association Specification No. 34 for Dental Aspirating Syringes has been approved by the Council on Dental Materials, Instruments and Equipment of the American Dental Association. The formulation of this and other specifications for dental materials, instruments and equipment is being carried on through subcommittees of the American National Standards Committee MD156 for Dental Materials, instruments and equipment is being carried on through subcommittees of the American National Standards Committee MD156 for Dental Materials, Instruments and Equipment. The Council acts as the administrative sponsor of that committee, which 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. Approval of Addendum to ANSI/ADA Specification No. 34 for Dental Aspirating Syringes as an American National Standard was granted by ANSI on July 13, 1981. This addendum will become effective one year from the date of publication in the Journal of the American Dental Association.

ANSI/ADA Specification No. 34 for Dental Aspirating Syringes was approved by ANSI in 1977. The subcommittee recommended that there should be a requirement that the aspirating mechanism shall not disengage from the piston of the cartridge after several (at least 3) aspirations. In response to this recommendation, the following sentence has been added to paragraph 4.3.2:

"This test will be repeated 3 times with the same local anesthetic cartridge".

Therefore, the Addendum revises paragraph 4.3.2 to read as follows:

4.3.2 Aspirating Mechanism.

The harpoon, or threaded portion of the distal end of the piston rod, or a Type I or Type II, Class A device, shall be affixed to the piston of the local anesthetic cartridge in accordance with the manufacturer's instructions. The piston shall then be depressed for 5 mm, at the rate of 5 mm per second, and then withdrawn in the opposite direction for a maximum distance of 55 mm at the same rate of movement. The harpoon, or threaded portion of the piston rod, shall not disengage from the piston during this test. This test will be repeated 3 times with the same local anesthetic cartridge.