



American National Standard/
American Dental Association
Standard No. 1027

Implementation Guide for ADA Standard No. 1000 - Standard Clinical Data Architecture

ADA American
Dental
Association®

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 1027 FOR THE IMPLEMENTATION GUIDE FOR ANSI/ADA STANDARD NO. 1000: STANDARD CLINICAL DATA ARCHITECTURE

The Council on Dental Practice of the American Dental Association has approved American Dental Association Standard No. 1027 for the Implementation Guide for ANSI/ADA Standard No. 1000: Standard Clinical Data Architecture. Working Groups of the ADA Standards Committee on Dental Informatics (SCDI) formulate this and other standards and technical reports for the application of information technology and other electronic technologies to dentistry's clinical and administrative operations. The ADA SCDI has representation from appropriate interests in the United States in the standardization of information technology and other electronic technologies used in dental practice. The standard was forwarded to the American National Standards Institute with a recommendation that the standard be approved as an American National Standard. Approval of ADA Standard No. 1027 as an American National Standard was granted by the American National Standards Institute on November 2, 2010.

The ADA Standards Committee on Dental Informatics thanks the members of Working Group 11.1 on Standard Clinical Data Architecture and the organizations with which they were affiliated at the time the standard was developed:

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In addition, many members of other SCDI working groups and other standards developing organizations, including HL7 and ASTM; and experts from the private sector and federal government, contributed comments and suggestions.

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 1027 FOR THE IMPLEMENTATION GUIDE FOR ANSI/ADA STANDARD NO. 1000: STANDARD CLINICAL DATA ARCHITECTURE**FOREWORD**

(This Foreword does not form a part of ANSI/ADA Standard No. 1027 for the Implementation Guide for ANSI/ADA Standard No. 1000: Standard Clinical Data Architecture).

In 1998 the ADA began publishing the Proposed ANSI 1000 Standard as a draft standard for public review and comment. The draft standard was published by subject areas corresponding to the major processes identified in the Concept Model. Public review included document distribution and symposium review at numerous professional meetings. Following all-parties review and balloting according to ANSI and ADA standards development rules, ADA Standard No. 1000 was approved as an American National Standard in February, 2001. With this action, the standard became the first model-based, comprehensive, data-level standard for electronic health information in the United States.

The implementation guide for ADA Standard No. 1000 was approved for publication as ADA Technical Report No. 1027 in August, 2003. This document represents the first revision to that technical report. With approval by ANSI, this document is now an American National Standard.

In 1992, there was interest in the standardization of clinical information systems related to electronic technology in the dental environment. After evaluating current informatics activities, a Task Group of the Accredited Standards Committee MD156 (ASC MD156) was created by the ADA to initiate the development of technical reports, guidelines, and standards on electronic technologies used in dental practice. In 1999, the ADA established the ADA Standards Committee on Dental Informatics (SCDI). The ADA SCDI is currently the group that reviews and approves proposed American National standards (ANSI approved) and technical reports developed by the standards committee's working groups. The ADA became an ANSI accredited standards organization in 2000.

The scope of the ADA SCDI is:

"To promote patient care and oral health through the application of information technology to dentistry's clinical and administrative operations; to develop standards, specifications, technical reports, and guidelines for: components of a computerized dental clinical workstation; electronic technologies used in dental practice; and interoperability standards for different software and hardware products which provide a seamless information exchange throughout all facets of healthcare."

**AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 1027 FOR THE
IMPLEMENTATION GUIDE FOR ANSI/ADA STANDARD NO. 1000**

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