



American National Standard/
American Dental Association
Standard No. 1039

Standard Clinical Conceptual Data Model

ADA American
Dental
Association®
Council on
Scientific Affairs

2006

ANSI/ADA Specification No. 1039– 2006
Reaffirmed: October 2014

**AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 1039 FOR
STANDARD CLINICAL CONCEPTUAL DATA MODEL**

The Council on Dental Practice of the American Dental Association has approved American Dental Association Specification No. 1039 for Standard Clinical Conceptual Data Model. Working Groups of the ADA Standards Committee on Dental Informatics (SCDI) formulate this and other specifications 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 specification was forwarded to the American National Standards Institute with a recommendation that the specification be approved as an American National Standard. Approval of ADA Specification No. 1039 as an American National Standard was granted by the American National Standards Institute on April 25, 2006.

The ADA SCDI thanks Mark Diehl, Mark Diehl Consulting, Frederick, MD, as chairman of Working Group 11.1, Standard Clinical Architecture for the Structure and Content of an Electronic Health Record, for leading the development effort.

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 1039 FOR STANDARD CLINICAL CONCEPTUAL DATA MODEL**FOREWORD**

(This foreword does not form a part of the ANSI/ADA Specification No. 1039 for Standard Clinical Conceptual Data Model).

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 ANSI 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.”

This specification was prepared by SCDI Subcommittee 11 on Electronic Dental Records (Mark Diehl, chairman).

Addendum to the Foreword for this Reaffirmation:

In 2012, the ADA Standards Committee on Dental Products approved a change in the terminology used for standards. ADA standards will no longer utilize the term Specification; standards will now be named as ADA Standards.

With this notice, this ADA Specification is now termed an ADA Standard. Where the term "specification" is used, it should be considered as "standard." It will be re-named as an ADA Standard in its next revision.

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 1039 FOR STANDARD
CLINICAL CONCEPTUAL DATA MODEL

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