American Dental Association
Technical Report No. 1004

Computer Software Performance for Dental Practice Software

ADA. American Dental Association 2004

AMERICAN DENTAL ASSOCIATION TECHNICAL REPORT NO. 1004 FOR COMPUTER SOFTWARE PERFORMANCE FOR DENTAL PRACTICE SOFTWARE

The Council on Dental Practice of the American Dental Association has approved American Dental Association Technical Report No. 1004 for Computer Software Performance for Dental Practice Software. Working Groups of the ADA Standards Committee on Dental Informatics (SCDI) formulate this and other technical reports and specifications 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. Approval of ADA Technical Report No.1004 was confirmed by the ADA SCDI on April 12, 2004.

The ADA SCDI thanks Scott Trapp, clinical practitioner, U.S. Public Health Service, Cadillac, MI, as chairman, ADA SCDI Subcommittee 10 on Dental Informatics Architecture and Devices, and chairman of Working Group 10.6 for Practice Management Performance for Dental Information Systems, for leading the development effort.

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FOREWORD

(This foreword does not form a part of the Proposed Revision to American Dental Association Technical Report No. 1004 for Computer Software Performance for Dental Practice Software).

This is the first revision of ADA Technical Report No. 1004 for Computer Software Performance for Dental Practice Software that was approved by the ADA in 1998.

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."

Scott Trapp, Chairman, ADA SCDI Subcommittee 10 on Dental Informatics Architecture and Devices, prepared this revision of the technical report at the request of the ADA Standards Committee on Dental Informatics. The technical report is the compilation of work by the volunteers of ADA SCDI Working Group 10.6 for Practice Management Performance for Dental Information Systems. The purpose of the working group is to determine the features of practice management software and propose guidelines for use by the American Dental Association in standards formation. This report was originally prepared by Phil Ardoin, University of Texas - Houston and revised in 1996 during the Accredited Standards Committee MD156 Task Group meeting in Orlando, Florida.