NIH Consensus Development Conference on Diagnosis and Management of Dental Caries Throughout Life, March 26–28, 2001

Members of the Planning Committee

Members of The Consensus Development Panel

Reviewers of Manuscripts of Independent Reviewers

Introductions

Welcome
Dushanka V. Kleinman

Opening Comments
Barnett S. Kramer

Purpose of Conference—Issues
Michael C. Alfano

Conference Agenda

Conference Papers

Dental Caries in the Second Millennium
Amid I. Ismail, Hana Hasson, Woosung Sohn

Systematic Reviews of Selected Dental Caries Diagnostic and Management Methods
James D. Bader, Daniel A. Shugars, Arthur J. Bonito

Methods Employed for Other Systematic Reviews
Alice M. Horowitz, P. F. Anderson

Clinical Diagnosis of Dental Caries: A European Perspective
Nigel B. Pitts

Clinical Diagnosis of Dental Caries: A North American Perspective
Stephen F. Rosenstiel

Radiographic Diagnosis of Dental Caries
S. Brent Dove

The Diagnosis of Root Caries
David W. Banting

Diagnosis of Secondary Caries
Edwina A. M. Kidd

Emerging Methods of Caries Diagnosis
George K. Stookey, Carlos González-Cabezas

Definitions of Risk
Brian A. Burt

Socioeconomic Status and Selected Behavioral Determinants as Risk Factors for Dental Caries
Susan T. Reisine, Walter Psoter

Sugar Consumption and Caries Risk: A Systematic Review
Brian A. Burt, Satishchandra Pai

Does Low Birthweight Increase the Risk of Caries? A Systematic Review
Brian A. Burt, Satishchandra Pai

The Microbiology of Primary Dental Caries in Humans
Jason M. Tanzer, Jill Livingston, Angela M. Thompson

Inherited Risks for Susceptibility to Dental Caries
Charles F. Shuler

Continued . . .
Exposure to Metal Ions and Susceptibility to Dental Caries
William H. Bowen

Physical and Chemical Aspects of Saliva as Indicators of Risk for Dental Caries in Humans
Cataldo W. Leone, Frank G. Oppenheim

Effectiveness of Methods Used by Dental Professionals for the Primary Prevention of Dental Caries
R. Gary Rozier

Methods of Stopping or Reversing Early Carious Lesions Fluoride: A European Perspective
Elizabeth T. Treasure

Topical Fluorides in Caries Prevention and Management: A North American Perspective
Ernest Newbrun

Pit and Fissure Sealants in High-Caries-Risk Individuals
Jane A. Weintraub

The Antimicrobial Approach to Caries Management
Page W. Caufield, Ananda P. Dasanayake, Yihong Li

Salivary Enhancement: Current Status and Future Therapies
Jane C. Atkinson, Bruce J. Baum

The Impact of Behavioral Technology on Dental Caries
Peter Milgrom

The Effect of Non-Cariogenic Sweeteners on the Prevention of Dental Caries: A Review of the Evidence
Catherine Hayes

The Use of Combinations of Caries Preventive Procedures
Helen Whelton, Denis O’Mullane

Emerging Methods Used in the Prevention and Repair of Carious Tissues
Brian H. Clark, Thomas F. Taylor

Clinical Decision-Making for Dental Caries Management
B. Alex White, Gerardo Maupome

Clinical Applications and Outcomes of Using Indicators of Risk in Caries Management
Domenick Zero, Margherita Fontana, Aine M. Lennon

Clinical Decision-Making for Caries Management in Primary Teeth
Norman Tinanoff, Joanna M. Douglass

Clinical Decision-Making for Coronal Caries Management in the Permanent Dentition
Kenneth Anusavice

Clinical Decision-Making for Caries Management in Root Surfaces
James L. Leake

Systematic Review of Conservative Operative Caries Management Strategies
Dorothy McComb

Diagnosis and Management of Dental Caries Throughout Life

Appendix 1
Search Strategies for Independent Reviewers
P. F. Anderson

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