Monographs in Oral Science
Vol. 21

Series Editors
A. Lussi  Bern
G.M. Whitford  Augusta, Ga.
Contents

VII List of Contributors

1 Introduction. How the Detection, Assessment, Diagnosis and Monitoring of Caries Integrate with Personalized Caries Management
   Pitts, N.B. (Dundee)

15 Clinical Visual Caries Detection
   Topping, G.V.A.; Pitts, N.B. (Dundee)

42 Traditional Lesion Detection Aids
   Neuhaus, K.W. (Bern); Ellwood, R. (Manchester); Lussi, A. (Bern); Pitts, N.B. (Dundee)

52 Novel Lesion Detection Aids
   Neuhaus, K.W. (Bern); Longbottom, C. (Dundee); Ellwood, R. (Manchester); Lussi, A. (Bern)

63 Lesion Activity Assessment
   Ekstrand, K.R. (Copenhagen); Zero, D.T. (Indianapolis, Ind.); Martignon, S. (Bogotá); Pitts, N.B. (Dundee)

91 Patient Caries Risk Assessment
   Twetman, S. (Copenhagen); Fontana, M. (Indianapolis, Ind.)

102 Dentition and Lesion History
   Eggertsson, H.; Ferreira-Zandona, A. (Indianapolis, Ind.)

113 Assessing Patients’ Health Behaviours. Essential Steps for Motivating Patients to Adopt and Maintain Behaviours Conducive to Oral Health
   Freeman, R. (Dundee); Ismail, A. (Philadelphia, Pa.)

128 Personalized Treatment Planning
   Pitts, N.B. (Dundee); Richards, D. (Stirling)

144 Background Level Care
   Pitts, N.B. (Dundee)

149 Traditional Preventive Treatment Options
   Longbottom, C. (Dundee); Ekstrand, K.R. (Copenhagen); Zero, D.T. (Indianapolis, Ind.)
156 Novel Preventive Treatment Options
Longbottom, C. (Dundee); Ekstrand, K.R. (Copenhagen); Zero, D.T. (Indianapolis, Ind.); Kambara, M. (Osaka)

164 Traditional Operative Treatment Options
Ricketts, D.N.J.; Pitts, N.B. (Dundee)

174 Novel Operative Treatment Options
Ricketts, D.N.J.; Pitts, N.B. (Dundee)

188 Recall, Reassessment and Monitoring
Clarkson, J.E. (Dundee); Amaechi, B.T. (San Antonio); Ngo, H. (Singapore); Bonetti, D. (Dundee)

199 Implementation. Improving Caries Detection, Assessment, Diagnosis and Monitoring
Pitts, N.B. (Dundee)

209 Glossary of Key Terms
Longbottom, C. (Dundee); Huysmans, M.-C. (Nijmegen); Pitts, N.B. (Dundee); Fontana, M. (Indianapolis, Ind.)

217 Author Index

218 Subject Index
List of Contributors

B.T. Amaechi
UTHSCSA Department of Community Dentistry
7703 Floyd Curl Drive MC 7917
San Antonio, Texas 78229–3900 (USA)

D. Bonetti
Dental Health Services and Research Unit
University of Dundee
Mackenzie Building, Kirsty Semple Way
Dundee DD2 4BF (UK)

J.E. Clarkson
Dental Health Services and Research Unit
University of Dundee
Mackenzie Building, Kirsty Semple Way
Dundee DD2 4BF (UK)

K.R. Ekstrand
University of Copenhagen
20 Nørre Allé
DK–2200 Copenhagen (Denmark)

H. Eggertsson
Department of Preventive and Community Dentistry Oral Health Research Center,
Indiana University School of Dentistry
415 Lansing Street
Indianapolis, IN 46202 (USA)

R. Ellwood
Skelton House
Manchester Science Park
Manchester M15 6SH (UK)

A. Ferreira-Zandona
Department of Preventive and Community Dentistry Oral Health Research Center,
Indiana University School of Dentistry
415 Lansing Street
Indianapolis, IN 46202 (USA)

M. Fontana
Department of Preventive and Community Dentistry
Indiana University School of Dentistry
Indianapolis, Ind. (USA)

R. Freeman
Dental Health Services and Research Unit
University of Dundee
Mackenzie Building, Kirsty Semple Way
Dundee DD2 4BF (UK)

M.-C. Huysmans
Department of Cardiology & Endodontontology
TRIKON: Institute for Dental Clinical Research
University of Nijmegen, PO Box 9101
6500 HB Nijmegen (The Netherlands)

A. Ismail
Maurice H. Kornberg School of Dentistry
Temple University
Philadelphia, Pa. (USA)

M. Kambara
Department of Preventive and Community Dentistry
Osaka Dental University
Osaka (Japan)
C. Longbottom  
Dental Health Services and Research Unit  
University of Dundee  
Mackenzie Building, Kirsty Semple Way  
Dundee DD2 4BF (UK)

A. Lussi  
Department of Preventive, Restorative and Pediatric Dentistry  
School of Dental Medicine  
University of Bern  
Freiburgstrasse 7  
CH–3010 Bern (Switzerland)

S. Martignon  
Research Centre  
Dental Faculty  
Universidad El Bosque  
Bogotá (Colombia)

K.W. Neuhaus  
Department of Preventive, Restorative and Pediatric Dentistry  
School of Dental Medicine  
University of Bern  
Freiburgstrasse 7  
CH–3010 Bern (Switzerland)

H. Ngo  
5 Lower Kent Ridge Road  
Singapore 119074 (Singapore)

G.V.A. Topping  
Dental Health Services and Research Unit  
University of Dundee  
Mackenzie Building, Kirsty Semple Way  
Dundee DD2 4BF (UK)

S. Twetman  
Department of Cariology and Endodontics  
Faculty of Health Sciences  
University of Copenhagen  
Nørre Allé 20  
DK–2200 Copenhagen N (Denmark)

D.T. Zero  
Indiana University School of Dentistry  
Indianapolis, Ind. (USA)