

CONTINUING DENTAL EDUCATION
School of Dentistry
University of Minnesota

**1st Annual Robert J. Feigal Symposium:
New Horizons in Children's Dental Care**

**Saturday
October 20, 2007**

PROGRAM

Continuing Education & Conference Center • St. Paul Campus

- 8:00 Final registration and assembly
- 8:25 Welcome and introduction **Dr. Angela Wandera**
- 8:30 **Is Our Restorative Paradigm Poised for Change?** **Dr. Robert J. Feigal**
University of Minnesota
- New information on dental caries and how to heal its effects on enamel and dentin
 - Indirect pulp therapy and ART as “models” for modern restorative dentistry
 - Do we trust the “bonded enamel margin” enough to change our ways?
 - Why are we still removing all caries?
 - Wild, new ideas for fixing teeth
 - Where will we go from here in pediatric dental restorations?
- 9:45 Refreshment break
- 10:00 **Clinical Genetics and Syndromology in Pediatric Dentistry** **Dr. Nik Kantaputra**
*Chang Mai University
Thailand*
- Following in the Gorlin tradition
 - What key syndromes should we be aware of?
 - How to spot genetic anomalies
 - Teeth as an index for syndrome diagnosis
 - Important roles of pediatric dentists in human genetics
 - Strange teeth syndromes
- 11:15 Question and answer session Drs. Feigal & Kantaputra
- 11:30 Luncheon
- 12:30 **Recent Improvements in Pediatric Pain Management** **Dr. Robert Primosch**
University of Florida
- How to use innovative, safe alterations in the traditional delivery of local anesthesia and systemic analgesia
 - Issues associated with the proper agent selection, dosage and routes for local and topical anesthesia
 - Preoperative analgesics for invasive procedures

1:45 Refreshment break

2:00 **Sedating Children: Where is the Field Going?**

Dr. Alan Milnes
Private Practice
Kelowna, B.C.

- Sedation can be dangerous and some say we are failing
What is the evidence and is it accurate?
- Has the behavior of children changed?
Is the evidence any good?
- Sedation training
Are dentists the "Wright brothers" of pain and anxiety control?
- Sedation in dentistry vs. other medical specialties
Are we adversaries or colleagues?
- Managing an anxious three-year old for an invasive procedure
What are the current options?
- An ideal sedation program for children
What should we teach? How should we teach it? How and with whom should we practice? How should we document it?

3:15 Question and answer session

Drs. Milnes & Primosch

3:30 Adjourn

Speakers

Robert J. Feigal, D.D.S., Ph.D., Professor and Graduate Program Director, Division of Pediatric Dentistry, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry. Dr. Feigal has served as Director of the Pediatric Dentistry programs at both the University of Minnesota and the University of Michigan, training 120 new specialists for more than 25 years. His work as an investigator funded by federal and industrial sources to study bonding to contaminated surfaces and his long clinical practice has led Dr. Feigal to a creative perspective on caries management and restorative dentistry for children. He is a Diplomate of the American Board of Pediatric Dentistry, has lectured throughout the United States, Europe, Latin America, and Asia, and has published more than 70 articles and book chapters.

Piranit Nik Kantaputra, D.D.S., M.S., Instructor, Department of Pediatric Dentistry, Faculty of Dentistry, Chiang Mai University, Thailand. Dr. Kantaputra obtained his D.D.S. at Chiang Mai University; his M.S. and Certificate in Pediatric Dentistry and training in clinical genetics and dysmorphology at the University of Minnesota. Throughout his career he has published 29 articles and discovered 13 new genetic syndromes including Mesomelic dysplasia, Kantaputra type, Microcephalic Osteodysplastic Primordial Dwarfism (MOPD) with severe microdontia, MOMES syndrome etc. He and his group were the first who found the gene for Rapp-Hodgkin ectodermal dysplasia, the syndrome of cleft lip and palate and ectodermal defects. Dr. Kantaputra has recently published a paper on children's attitude on behavior management techniques with an "attitude meter" to measure how young children think. (*J Dent Child* 2007).

Speakers (continued)

Robert E. Primosch, D.D.S., M.S., M.Ed., Professor of Pediatric Dentistry and Associate Dean for Education, University of Florida College of Dentistry. Dr. Primosch is former Post-graduate Program Director and Chair of the Department of Pediatric Dentistry at the University of Florida. He earned his DDS at the Medical College of Virginia; his MS and Certificate in Pediatric Dentistry at the University of Minnesota; and his M.Ed. in Educational Psychology at the University of Oklahoma. He is a Fellow of the American College of Dentists and a Diplomate and former Chair of the American Board of Pediatric Dentistry. A prolific author and lecturer, he has contributed over 60 articles to scientific journals and has co-authored three editions of the textbook, Fundamentals of Pediatric Dentistry, published by Quintessence Publishing Company.

Alan R. Milnes, D.D.S., Ph.D., private practice limited to pediatric dentistry, Kelowna, British Columbia; Chief of Dentistry, Kelowna General Hospital. Dr. Milnes served as Associate Professor and Head, Pediatric Dentistry, University of Manitoba, Faculty of Dentistry from 1978 to 1990; and as an Associate Professor in the Department of Pediatric Dentistry, University of Toronto from 1990 to 1997. He received his undergraduate dental education at the University of Toronto; pediatric dental education at the Hospital for Sick Children and University of Toronto; and Ph.D. in Oral Microbiology from the University of Manitoba. Dr. Milnes is a board certified specialist in pediatric dentistry (Royal College of Dentists of Canada {RCDC}), past Chief Examiner in Pediatric Dentistry for the RCDC, and a Fellow of the American Academy of Pediatric Dentistry (AAPD). He serves on the editorial board of *Pediatric Dentistry* and is a manuscript reviewer for the *Journal of Dentistry for Children*, *Journal of the Canadian Dental Association* and *Journal of Dental Research*. Dr. Milnes has published more than 50 papers on the following topics: oral microbiology, cariology, preventive dentistry, pediatric restorative dentistry, pediatric HIV infection, behavior management, sedation, and pediatric pulp therapy. He is a founding and current faculty member of the AAPD Program - Contemporary Sedation of Children for the Dental Practice.

This program is partially supported by the Robert J. Feigal Lectureship in Pediatric Dentistry, a fund established with the University of Minnesota Foundation with the purpose of promoting an annual symposium in Dr. Feigal's name covering contemporary pediatric dental topics. Lectureship funding this year will support resident attendance.

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