

CONTINUING DENTAL EDUCATION
School of Dentistry
University of Minnesota

Dentistry for Children: New Applications for Your Practice

Friday
February 4, 2005

PROGRAM
Prom Center • Oakdale, Minnesota

8:00 Final registration and assembly

8:25 Welcome and introduction

Dr. Paul Walker
Division of Pediatric Dentistry

8:30 **Restorative Dentistry for Children**

Dr. Joel Berg

- history
- what's available today

The Clinical Continuum of Materials

- GIC
- resin modified GIC
- composite/compomer

10:00 Refreshment break

10:15 **Adhesives and Sealants: What's the Best Way?**

Pulpotomies: What's the Best Way?

Minimal Intervention

11:45 Question and answer session

12:00 Luncheon (included)

1:00 **Introduction to Dental Caries**

- history
- epidemiology
- disease patterns

Caries Assessment

- detection vs. diagnosis
- detection devices
 - early (QLF, DIAGNOdent, DIFOTI)
 - late (cavity preparation tools; caries detection dyes)
- sensitivity/specificity/reliability

2:45 Refreshment break

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Program - page 2

3:00 Caries Risk Assessment

- principles of risk assessment
- salivary analysis
- bacterial profiling
- acid production potential
- biofilm analysis

Managing Caries

- the “proper balance”
- health vs. disease

Making it Work in Your Practice

4:15 Question and answer session

4:30 Adjourn

GUEST SPEAKER

Joel H. Berg, D.D.S., M.S., Professor and Chair, Department of Pediatric Dentistry, University of Washington School of Dentistry; board certified pediatric dentist. Dr. Berg is currently serving as the President of the American Academy of Pediatric Dentistry Foundation. He held the position of Vice President of Clinical Affairs at Philips Oral Healthcare from 2000-2003, was Head of the Scientific Department for ESPE Dental AG from 1998-2000, and served as Director of the Postgraduate/Residency Program in Pediatric Dentistry at the University of Texas, Houston from 1989 through 1995, where he also conducted numerous clinical trials evaluating restorative materials. Dr. Berg is the author of over 100 manuscripts, abstracts and book chapters regarding a variety of subjects including restorative materials for children and other work related to biomaterials. His current research interests include the development of dental caries prevention programs using risk assessment models and early phase diagnostics.

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