

PROGRAM

CONTINUING DENTAL EDUCATION

School of Dentistry
University of Minnesota

**Practical Periodontics: A Hands-On
Non-Surgical Program**

*Wednesday-Friday
June 1-3, 2005*

6-410 Moos HS Tower
Conference room

Wednesday, June 1

8:00 Needs Assessment/Goal Orientation **Lynda Young & Merry Jo Thoele**
Group sharing of background and course expectations

8:15 Changing Concepts in the Diagnosis & Treatment of Periodontal Diseases **Lynda Young**

- Role of Bacteria
 - Tissue invasive bacteria
 - Role of biofilms
 - Bacterial load
 - Transfer of bacteria
 - Disease Progression
- New AAP Classification of Periodontal Diseases
- Periodontal Medicine
 - Major Risk Factors for Periodontal Disease
 - role of diabetes, smoking , osteoporosis, genetics, HIV
 - Other Risk Factors
 - role of overhangs, plaque & calculus, third molars, dental anatomy, untreated endodontic infections, xerostomia
 - Role of chronic inflammation in systemic disease- the C-reactive protein story
 - Periodontitis as a Risk Factor for Systemic Disease
 - Cardiovascular diseases, pregnancy complications, diabetes & respiratory diseases
- Periodontal Case Types
- Assessment of Advanced Periodontal Disease- Probing Depths >5mm
 - Probing- bleeding & probing depths
 - Clinical attachment loss
 - Radiographic bone loss
 - Furcation Classification
 - Mobility Classification

- Protocols unique for advanced cases- PD > 5mm
 - Relative clinical success following:
 - scaling & root planing (SRP) alone, SRP and local delivery
 - Suggested treatment regimens for advanced cases
 - Anti-Infective Phase- Initial Therapy
 - Recall- 3 & 6 months
 - Recall & Re-evaluation- 9 months
 - Maintenance phase- continuing 3-4 month recall intervals

9:15 Refreshment break

9:30 Instrumentation Techniques for Moderate to Advanced Periodontal Disease

Lynda Young

- Guidelines for instrument selection & techniques
- Practice instrumentation on models using:
 - Alternative fulcrums
 - Modifications in stroke direction
 - Modifications in tip location
 - Alternative hand instruments:
 - Gracey Curettes: #5/6; #7/8; #15/16; #17/18
 - Langer Curettes- #1/2; #3/4; #5/6
 - Barnhart Curettes: #1/2; #3/4
 - Hirschfield Periodontal Files: #3/7; #1/5 & Tang sharpening file
 - Extended Shank/Curvettes: #1/2; #11/12; #13/14
 - Ultrasonic tips
 - tip selection
 - power settings
 - modifications for furcations, deep pockets and concavities
 - clinical applications

8 North Clinic

11:00 Demonstration and Practice

Lynda Young & Merry Jo Thoele

- Ultrasonics- including use of curved tips
- Probing and charting
 - pocket depths, recession, attachment levels and mucogingival involvement
 - furcations and use of the Naber's probe

12:00 LUNCHEON (included)

- 1:00 Essentials for Successful Therapy **Dr. Roger Ettel**
- Anti-microbials
 - Systemic Antibiotics
 - Local Delivery Antibiotics
 - Irrigation and Other
- 2:00 Treatment Planning Protocols
Evidenced-Based Practice for Early, Moderate and Advanced Cases
- 2:30 Refreshment break
- 2:45 Evaluation of Periodontal Therapy **Dr. Ettel**
- Re-evaluation Appointment Procedures
 - Determination of Treatment Success
 - Determination of when to Refer
- 4:00 Demonstration & practice on models **Dr. Ettel**
- Atridox
 - Arestin
- 5:00 Adjourn

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Thursday, June 2

- 8:00 Problem-Solving for Advanced Periodontal Disease Patients **Lynda Young**
- Complicating root morphology
 - Instrumentation choices for difficult clinical problems
 - 1) Heavy deposit removal
 - 2) CEJ anatomy
 - 3) Root concavities
 - 4) Furcations
 - 5) Line angles
 - 6) Deep pockets
 - 7) Persistent bleeding
- 9:15 Refreshment Break

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- 9:30 Products We Love **Jill Stoltenberg**
- Desensitizing agents for- mild, moderate and severe root sensitivity
 - Salivary Aids to protect exposed root surfaces
 - Caries preventive protocols for exposed root surfaces
 - Self-Care Aids- especially for furcations and deep pockets
 - Other new and helpful products

8 North Clinic

- 10:15 Instrument sharpening demonstration & practice **Lynda Young,
Merry Jo Thoele & Jill Stoltenberg**

- 11:30 Clinic cubicle demonstration **Jill Stoltenberg**

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12:00 LUNCHEON (included)

- 12:45 Chart Review **Merry Jo Thoele**

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1:15 Clinical preparation

- 1:30 First patient session **Lynda Young & Merry Jo Thoele**

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- 4:00 Wrap-up with Question and Answers **Lynda Young & Merry Jo Thoele**

5:00 Adjourn

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Friday, June 3

- 8:00 Chart Review **Merry Jo Thoele**

8 North Clinic

- 8:30 Clinical preparation
- 8:45 Second patient session **Lynda Young & Merry Jo Thoele**

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Conference room

- 12:00 Luncheon (included)
- 1:00 Putting it into Practice **Merry Jo Thoele**
- Case presentation
- Insurance considerations
- Appointment length
- 2:30 Refreshment break
- 2:45 Practice dilemmas: students will discuss and problem-solve **Lynda Young & Merry Jo Thoele**
complicated patient cases that they have treated in practice
as well as other difficult practice related issues
- 4:30 *Questions and answers* **Lynda Young & Merry Jo Thoele**
- 5:00 Adjourn

SPEAKERS

Roger G. Ettel, D.D.S., M.S., Clinical Associate Professor, Division of Periodontology, Department of Preventive Sciences, School of Dentistry; Consulting faculty, Hennepin County Medical Center. Dr. Ettel is currently in full-time clinical practice limited to periodontology in White Bear Lake, Minnesota.

Lynda Young, G.D.H., M.A., Associate Professor, Division of Dental Hygiene, Department of Preventive Sciences; Director, Continuing Dental Education & Alumni Relations, School of Dentistry, University of Minnesota.

Jill Stoltenberg, G.D.H., M.A., Associate Professor, Division of Dental Hygiene, Department of Preventive Sciences, School of Dentistry, University of Minnesota. *Ms. Stoltenberg is the Course Director.*

Merry Jo Thoele, G.D.H., B.A., M.P.H., Adjunct Assistant Professor, Division of Dental Hygiene, Department of Preventive Sciences, School of Dentistry, University of Minnesota.