



Mini Residency in Pediatric Dentistry

Friday-Sunday, April 25-27, 2025

University of Minnesota School of Dentistry

Preliminary Program

FRIDAY

Lynda J. Young Conference Room (6-410 Moos HS Tower)

7:30 Breakfast

8:00 Course Introduction
Needs Assessment

8:30 LECTURE: Pediatric Guidelines of Patient Care

- AAPD guidelines and best practices
- Medical history
 - significant findings
 - implications for treatment
- Informed consent
- Parents' presence in the operator

10:00 Refreshment break

10:15 LECTURE: Pain and Anxiety Management for Children

- local anesthesia
- nitrous
- behavior management
- active and passive stabilization methods
- when to discuss referral

11:30 LECTURE: Review Key Points for Individualized Prevention Plans

- standard of care of prevention at different ages

12:00 Lunch (included)

12:30 LECTURE: Selecting the most Appropriate Restorative Procedures

- non-surgical approaches: SDF and glass ionomer cements
- simple restorative
- advanced restorative
- stainless steel crowns
- management of hypoplastic permanent molars

2:00 Refreshment break

- 2:15 LECTURE: The Whys and the Hows of Pulp Therapy
- diagnosing the pulp status through clinical and radiographic images
 - deep carious lesions
 - determining the appropriate pulp therapy
- 3:45 Refreshment break
- 4:00 LECTURE (cont'd): The Whys and the Hows of Pulp Therapy
- indirect pulp treatment (IPT), stepwise excavation
 - pulpotomy, pulpectomy
- 5:15 Adjourn

SATURDAY

Lynda J. Young Conference Room (6-410 Moos HS Tower)

- 7:30 Reconvene. Continental breakfast.
- 8:00 Question and answer session
- 8:15 LECTURE: Management of Developing Occlusion in the Primary and Mixed Dentition
- dental development
 - anomalies of eruption
 - anterior and posterior crossbites
 - appliances
- 10:00 Refreshment break

4th Floor Preclinical Laboratory

- 10:15 BENCH-TOP EXERCISE: Pulpotomy/Pulpectomy
- prepare **tooth A** for pulpotomy and pulpectomy-
- BENCH-TOP EXERCISE: Stainless Steel Crown (SSC) Preparation/Adaptation and RMGI Preparation/Restore
- prepare **teeth I and J** for stainless steel crowns
 - adaptation of stainless steel crown
 - prepare and restore class I and II primary molar lesions with RMGI

Lynda J. Young Conference Room (6-410 Moos HS Tower)

- 12:30 Lunch (included)
- 1:00 LECTURE: Most Common Traumatic Injuries in the Primary and Mixed Dentition
- crown and root fractures
 - avulsion
- 3:00 Refreshment Break

4th Floor Preclinical Laboratory

3:15 BENCH-TOP EXERCISE: Continue RMGI and/or SSC exercise

BENCH-TOP EXERCISE: Arch Length Maintainer Design/Fabrication Demonstration

- adapt band
- discussion on case selection
- one appointment non-solder single tooth space maintainer (DeNovo®)

5:15 Adjourn

SUNDAY

Lynda J. Young Conference Room (6-410 Moos HS Tower)

7:30 Reconvene. Continental breakfast.

8:00 LECTURE: Anterior Strip Crowns and Posterior Pediatric Zirconia Crowns

- case selection
- techniques

9:15 Refreshment break

4th Floor Preclinical Laboratory

9:30 BENCH-TOP EXERCISE: Anterior and Posterior Esthetic Restorations

- prepare anterior **teeth D and E** for celluloid crowns
- adaptation of celluloid crown forms
- prepare **anterior tooth E** and **posterior tooth B** for zirconia crowns
- adaptation of zirconia crowns

11:00 CASE PRESENTATIONS: Putting it All Together

12:00 Question and answer session. Course wrap up.

12:15 Adjourn

Meet Our Course Director

Daniela Rodrigues Silva, DDS, MS, is a clinical professor in the Pediatric Dentistry Division of Preventive and Restorative Sciences section at the UCLA School of Dentistry. She completed her dental degree at the Federal University of Goiás, Brazil, a pediatric dentistry certificate at the University of Castelo Branco, Brazil, and her certificate and master's degree in pediatric dentistry at the University of Michigan. Before her work in California, Dr. Silva served as the Residency Program Director at the University of Florida College of Dentistry. A Diplomate of the American Board of Pediatric Dentistry, Dr. Silva is also an active member of the American Academy of Pediatric Dentistry and the California Society of Pediatric Dentistry. She is the Course Director for the CMEinfo-Oakstone Foundations in Pediatric Dentistry and Chair for the ABPD Oral Clinical Examination.

Meet Our Instructor

Melanie Yuen, DMD, is the Assistant Program Director in the Advanced Education Pediatric Dentistry program at Hennepin Healthcare in Minneapolis, MN. She completed her dental degree at Harvard University, her general practice certificate at Mass General/Brigham and Women's/Harvard-wide program, and her pediatric dentistry certificate at the University of Minnesota. She is a fellow of the American Academy of Pediatric Dentistry and a Diplomate of the American Board of Pediatric Dentistry. Her research interests are in pulp therapy and the age one dental visit.

Disclosure Summary

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