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**Mini Residency in Pediatric Dentistry**

**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 operatory

10:00 Refreshment break

10:15 LECTURE: Pain and Anxiety Management for Children

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

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 restorations
* advanced restorations

2:00 Refreshment break

2:15 LECTURE: Selecting the Most Appropriate Restorative Procedures

* stainless steel crowns
* management of hypoplastic permanent molars (MIH)

3:45 Refreshment break

4:00 LECTURE: Management of Developing Occlusion in the Primary and Mixed Dentition

* dental development
* anomalies of eruption
* anterior and posterior crossbites
* appliances

5:00 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: 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
* indirect pulp treatment (IPT), stepwise excavation
* pulpotomy, pulpectomy

10:00 Refreshment break

**4th Floor Preclinical Laboratory**

10:15 BENCH-TOP EXERCISE: Pulpotomy/Pulpectomy

* prepare tooth for pulpotomy

BENCH-TOP EXERCISE: Stainless Steel Crown (SSC) Preparation/Adaptation and RMGI Preparation/Restore

* prepare tooth for stainless steel crown
* 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)

**4th Floor Preclinical Laboratory**

1:15 BENCH-TOP EXERCISE: Continue RMGI and/or SSC Exercise

1:45 BENCH-TOP EXERCISE: Arch Length Maintainer Design/Fabrication

* adapt band, impression, pour-up impression
* discussion on case selection
* one appointment non-solder single tooth space maintainer – B&L (DeNovo®)
* one appointment non-solder single tooth space maintainer - SSC (DeNovo®)

3:00 Refreshment Break

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

3:15 LECTURE: Most Common Traumatic Injuries in the Primary and Mixed Dentition

* crown and root fractures
* luxations, avulsion

5:00 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 for celluloid crowns
* adaptation of celluloid crown forms
* prepare anterior and posterior Zirconia crown (optional!)

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 the Dr. Thomas K. Barber Endowed Chair, the Director of the Pediatric Residency Program, and Clinical Professor of the Section of Pediatric Dentistry in the Division of Preventive and restorative Sciences 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. Her research areas of interest include caries diagnosis and prevention, pulp therapy, restorative dentistry, and dental trauma.

### Disclosure Summary

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Continuing Dental Education Staff members have nothing to disclose.

The following information was received from our speakers for this course. It is not assumed these financial interests or affiliations will have an adverse impact on course presentations. They simply are noted here to fully inform course participants.

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