Mini Residency in Pediatric Dentistry
Friday-Sunday, September 29-October 1, 2023
University of Minnesota School of Dentistry

Preliminary Program

**FRIDAY**

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>7:30</td>
<td>Breakfast</td>
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<tr>
<td>8:00</td>
<td>Course Introduction Needs Assessment</td>
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<tr>
<td>8:30</td>
<td>LECTURE: Pediatric Guidelines of Patient Care&lt;br&gt;● AAPD reference manual and guidelines&lt;br&gt;● Medical history&lt;br&gt;  ▪ significant findings&lt;br&gt;  ▪ implications for treatment&lt;br&gt;● Informed consent&lt;br&gt;● Parents’ presence in the operatory</td>
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<td>10:00</td>
<td>Refreshment break</td>
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<td>10:15</td>
<td>LECTURE: Review Key Points for Individualized Prevention Plans&lt;br&gt;● standard of care of prevention at different ages</td>
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<td>10:30</td>
<td>LECTURE: Pain and Anxiety Management for Children&lt;br&gt;● local anesthesia&lt;br&gt;● nitrous&lt;br&gt;● behavior management&lt;br&gt;● active and passive stabilization methods&lt;br&gt;● when to discuss referral</td>
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<td>12:00</td>
<td>Lunch (included)</td>
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<td>12:30</td>
<td>LECTURE: Selecting the most Appropriate Restorative Procedures&lt;br&gt;● non-surgical approaches: SDF and glass ionomer cements&lt;br&gt;● simple restorative&lt;br&gt;● advanced restorative&lt;br&gt;● stainless steel crowns</td>
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<td>1:45</td>
<td>Refreshment break</td>
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2:00  LECTURE: The Whys and the Hows of Pulp Therapy
   ● deep carious lesions
   ● indirect pulp treatment (IPT), stepwise excavation
   ● pulpotomy, pulpectomy

3:45  Refreshment break

4th Floor Preclinical Laboratory

4:00  BENCH-TOP EXERCISE: Pulpotomy/Pulpectomy
   ● prepare tooth for pulpotomy and pulpectomy

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: Management of Developing Occlusion in the Primary and Mixed Dentition
   ● skeletal development
   ● dental development
   ● anomalies of eruption
   ● anterior and posterior crossbites
   ● appliances

10:00 Refreshment break

4th Floor Preclinical Laboratory

10:15  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
   ● management of hypoplastic permanent molars

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12:30  Lunch (included)

4th Floor Preclinical Laboratory

1:00  BENCH-TOP EXERCISE: Continue RMGI and/or SSC exercise
2:30  BENCH-TOP EXERCISE: Arch Length Maintainer Design/Fabrication
   ● adapt band, impression, pour-up impression
   ● discussion on case selection
   ● band loop and soldering
   ● one appointment non-solder single tooth space maintainer

3:00  Refreshment Break

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3:15  LECTURE: Most Common Traumatic Injuries in the Primary and Mixed Dentition
   ● crown and root fractures
   ● avulsion

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 for celluloid crowns
   ● adaptation of celluloid crown forms
   ● prepare posterior teeth 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 the Dr. Thomas K. Barber Endowed Chair, the Director of the Pediatric Residency Program, and an Associate 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.

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