
Mastering Class II Composites; It's All About the Details

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- **Isolation:**
 - Tofflemire retainer and bands- supplemental lines of bands
 - Sectionals- generations of these too-Palodent, Triodent, Garrison, Premier
 - Retainerless- Automatrix, 360
 - Wedges- wooden, plastic, anatomical, 'fins'- pros/cons
 - Challenges- gingival retraction, margin elevation

- **Dental Adhesives (Bonding Agents, Unfilled Resins)**
 - Generations of dental adhesives-components and how to use each
 - Etch
 - Primer
 - Adhesive/Bonding agent/Unfilled Resin
 - What about the smear layer? (Major to understand)
 - Leave it or remove it- why or why not?
 - To etch or not to etch?
 - Total
 - Self
 - Selective
 - Timing

NOTES/QUESTIONS:

- **Composites:**

- Types- Flowable, Hybrid, Microfil, etc.-filler differences defined
- Top Reasons for Post-Operative Sensitivity:
 - Over-etching dentin/ Over-drying dentin
 - Solvents not removed during drying step
 - Incomplete material coverage
 - Under-curing (importance of lights)
 - Polymerization shrinkage and stress (ALL composites shrink!)
- Flowables- NOT the same! SDR Flow +
- Bulk-Fill discussion
- Shading discussion
- Curing Light – critical role

- **Finishing/Polishing**

- Many options, but necessary once occlusion is adjusted.
- Fine Diamonds, white stones, abrasive points, cups, discs
 - 3M Polishing wheels- replace Sof-lex
 - Shofu Super-snap/Onegloss
 - Ivoclar Optragloss
 - DS Enhance/Pogo
 - Brasseler points

NOTES:

Questions for the Office: