Dental Provisionals

The Pathway

To Final Restorations

Presented: Hollie Bryant
Hollie Bryant
(AKA: Office Manager, Dental Assistant, Insurance coordinator, Lab Tech, Hygiene Assistant, Speaker, Author, Coach, Teacher, Business Owner and Influencer)
Mrs. Hollie Bryant

• Attended the Bowman Gray School of Medicine Dental Assisting Program. Started in a large group practice.
• Met Dr. Nash-Nash Institute as student then my life began to change.
• After graduation of the institute came back as mentor and guest clinical instructor.
• Joined a bunch of clubs and associations to learn! She is a member of the American Dental Assistant’s Association, the Academy of Cosmetic Dentistry, The American Association of Dental Office Managers and the North Carolina Dental Assistant’s Association.
• Started Writing - written a number of articles for dental publications and served as the Editor and Chief of Contemporary Dental Assistant magazine and is currently serving on the advisory board for Dental Compare.
• Started Working for Dr. Nash - Instructor, Faculty Member and the Clinical Coordinator for the Nash Institute for Dental Learning.
• 4 years later I was swept away - Manager for Dr. Jeff T. Blank at the Carolina Smile Center and independent lecturing, consulting and writing.
• Joined New Millennium Education, LLC as a Clinical Instructor to provide research and support to manufacturers seeking her knowledge, skill and professional abilities.
• 2 years later Swept away again to Savannah “Beyond Exceptional” With Brad Durham DMD.PC
• Started running the seminar business and the Niche Practice Seminars. Then I got BRAVE and Leaped out on Faith …
And now..... Bryant Consultants 5 years in and still growing strong!
Disclosure Statement

• I have a lot of support to get to this stage today and to make this hands-on course possible.

• I do not have any outside agreements or financial relationships whatsoever with any materials, manufactures or labs discussed in this presentation.

• I use these products and techniques because they have proven to work best for me.

Text LEARN to the # 44999
“Coming together is a beginning. Keeping together is progress. Working together is success.”

- Henry Ford
Words have Power

...So Listen Up!
What you will Learn:

You:
- Learn how to maximize your talents at the chair.
- Understand different ways to fabricate and seat provisional.
- Have the skill set to think through the end result that you are trying to provide the patient.
- Understand your responsibility in the provisional process and how critical it is to create a quality product.
Expectations:

*What are they? (Let’s Discuss)

*Can they be met?

*We have to organize our expectations to meet the Your personal goals today!
Changing our Mindset about Provisional Restorations

Function of Provisionals Restorations:
- Comfort/Tooth Vitality
- Occlusion and Positional Stability
- Gingival Health and Contour
- Aesthetics
- Diagnosis
Assessment of Aesthetic Changes

(Your Provisionals are the pathway to the final restorations. Our mindset must change. They are no longer Temps.)

• Asses appearance of intended restorations
• Make directly or use a matrix from the wax up
• Ensure patient’s acceptance
• Record the provisionals and instruct the technician to copy form and shape for finals
Occlusal Changes

- Prevent unwanted tooth movement by maintaining occlusal and interproximal contacts
- Evaluate patient’s tolerance to A/P changes and vertical dimension

Rules to Remember: “If they are breaking the Provisionals you want to find out the reason why now before you move to the finals.”
Periodontal Changes

- Allow for resolution of inflammation
- Improves gingival healing and stabilizes the gingival marginal position
- Used after surgical crown lengthening during healing period prior to final impression of permanent restorations.

Rule: “You don’t want to be the one causing the periodontal changes”
Trade in the Trays for Putty!!!
TRAYS VS PUTTY..

- COST OF TRAY APPROX. $0.75
- COST OF BITE REG. $4.50 EACH IMPRESSION

Total Impression Cost = $5.25

Cost of Putty $51.00
No Tray $0.00
Total Impression Cost = 3.50

Total Savings $1.75 per Impression Taken
1. Material to make temporary crowns and bridges
   - Telio CS C&B

2. Material to make temporary inlays and onlays
   - Telio CS Inlay/Onlay

3. Cement for temporaries
   - Telio CS Link

4. Desensitizer for the tooth
   - Telio CS Desensitizer
Telio CS Inlay/Telio CS Onlay

• Improved successor of Systemp. inlay/onlay and Fermit/ Fermit-N

• Light-curing, single component temporary filling material for:
  ➢ Seal implant screw channels
  ➢ Relining of prefabricated temporary crowns (polycarbonate or methacrylate)

• No need of additional temporary cement
When fabricating a temporary inlay or onlay, a more flexible material is used.

**Telio CS Inlay/Telio CS Onlay**

- **Telio CS**
  - High elasticity for inlay cavities with parallel walls

- **Telio CS Onlay**
  - Lower elasticity for higher stability for onlay preparations
Telio CS Link

• **Temporary resin cement**
  • 2 translucent shades: Transparent & A3
  • Dual-curing
  • Eugenol-free
Telio CS Desensitizer

Use with:
- Direct restorations (adhesives)
- Indirect restorations
  - Permanent cement
  - Semi-permanent cement
  - Temporary cement
Technique 1: Direct Placement Provisionals

Managing multiple interproximal contacts with direct restorations is difficult. Indirect inlays/onlays permit proper emergence profile, interproximal contours and contacts, and proper occlusion.
Quadrant Provisionalization to Finish Product
Temporization with Telio
After Placement ALWAYS Check the Bite...
Provisional Removal
POSTERIOR TEETH SHRINK WRAP!
Telio Inlay & Onlay

- Telio is used for many different purposes:
  - Filling implant access holes
  - Inlay/Onlay provisionals
  - Add in a base of a deep full coverage provisional with an undercut
Telio Inlay & Onlay Hands On Exercise
Technique #2 Putty Matrix and Cut Back

• Single Central #8
• Anterior 6-11 (Traditional Trimming)
Variations in Surface Texture and Morphology
Maxillary Central Incisor

Outline Form
Maxillary Central Incisor #8

Gingival Zenith
- Slightly distal center

Distal
- More rounded-Bulbous
- Distal contact higher
- Embrasure deeper, more rounded

Mesial
- Less Rounded - Straight
- Lower contact
- Embrasure shallow, more square
4 Mesial Angles of a Central
Mesial and Distal Marginal Ridges

Height of facial contour is greatest at the cervical neck

9 Number Nine
Incisal View- Central

Note distinct “V” shaped notches created by oblique marginal ridge line angles.
Developmental Depressions
Gross Finishing

Coarse Chamfer Diamonds are used to define marginal ridges
Marginal Ridge Definition

Angle to lingual and facial of contact area

Sharp divergence to interproximal embrasure
Facial Lobe Development
Lines of Embracation (Perikimata)
Technique #3 Anterior 6-11

Traditional Trimming!
Cemented with Telio Cement
Let’s Talk about Provisionals

• Provisional Techniques Continue to Evolve!!!

• Temporaries give the dentist and patient a preview of the final restorative case

• Important in case acceptance and patient satisfaction
Technique # 4 Shrink Wrap
Shrink Wrap Technique

Spot Etch

Rinse
Add Excite and Dry

Start Loading
Gross interproximal excess removed with a finishing bur

Final smoothing accomplished with Enhance (Dentsply/Caulk)

View of finished lingual

Repair voids with flowable
Using the Provisional as a Guide
Fabricate Ceramics
Immediate Provisionals

Shrink Wrap Technique
Final Porcelain
Ivoclar Initial Putty

- Allows you More Time to be Flexible....
- Great for Putty Matrix
- Great for replacing traditional preoperative impressions trays for single tooth dentistry
- Cost effective
- Saves on materials
Preliminary Wax-Up
PUTTY GUIDES
Optra Gate
A Hidden Treasure Disposable Retraction
Liquid Strip

• Lube your build ups first!!!

• Wipe a little glycerin on your core build ups before you use the Shrink Wrap Provisional Technique.
Load

TAP, TAP, TAP ... TO GET PREVENT AIR BUBBLES....

Insert the putty matrix
Wow + WOW = MORE WOW!!!(and more patients, great reviews and better working environment!!)
Then you get to be even more... Fabulous
Full Mouth Provisionals
The goal with Shrink Wrap is to have the provisional stay on the teeth by engaging the interproximal undercuts.
Gross interproximal excess removed with a finishing bur

Final smoothing accomplished with Enhance (Dentsply/Caulk)

View of finished lingual

Repair voids with flowable
Using the Provisional as a Guide
Thank You for Spending Time with Us today!

Presented: Hollie Bryant