

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 what so ever 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 ? (Lets Discuss)

- *Can they be met ?

- *We have to organize our expectations to meet the Your personal goals today!

[illegible]

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.)

- Assess 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

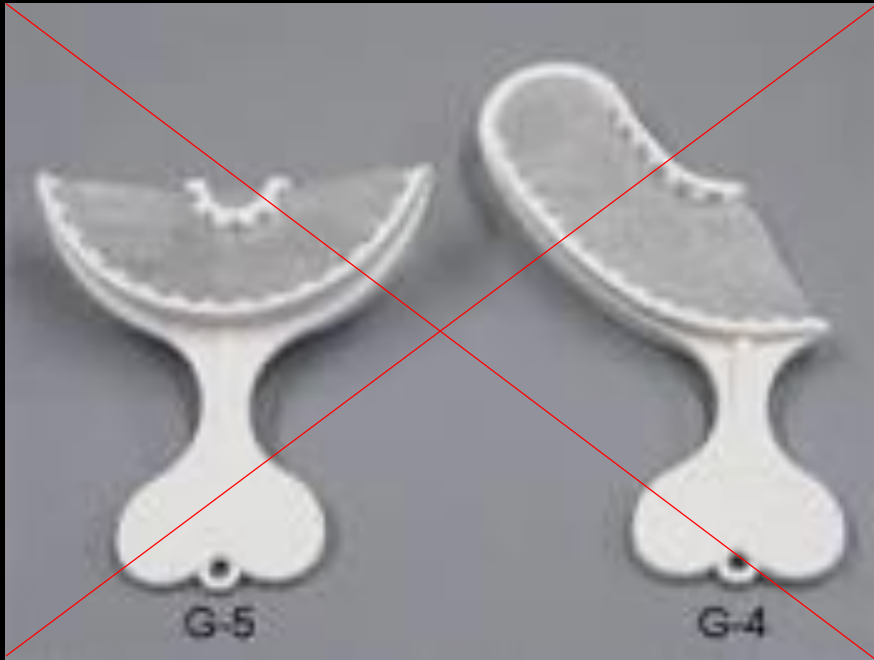
Rules to Remember: *"If they are breaking the Provisionals you want to find out the reason why now before you move to the finals."*

Periodontal Changes

- Allow for resolution of inflammation
- Improves gingival healing and stabilizes the gingival margin 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

TOTTAL IMPRESSION COST= 3.50

TOTAL SAVINGS \$1.75 PER
IMPRESSION TAKEN

Telio CS

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**



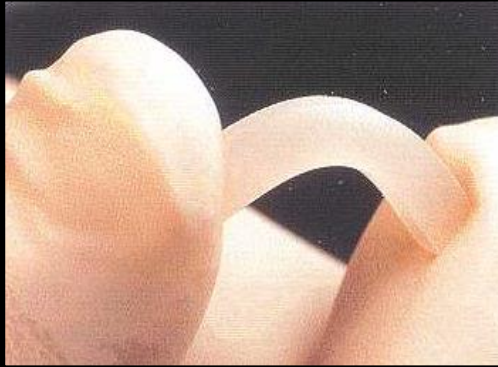
Telio CS Inlay/Telio CS Onlay

- 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



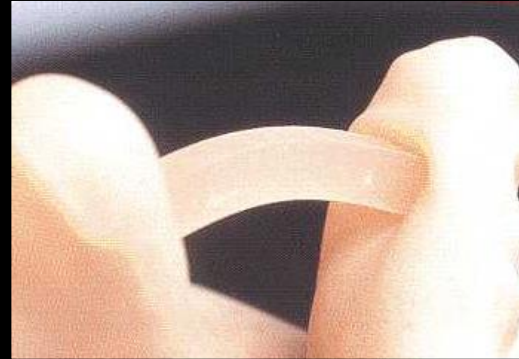
Telio CS Inlay/Telio CS Onlay

When fabricating a temporary inlay or onlay, a more flexible material is used



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

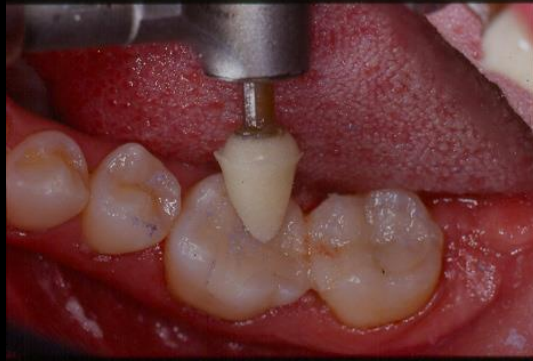


Managing multiple interproximal contacts with direct restorations is difficult. Indirect inlays/onlays permit proper emergence profile, interproximal contours and contacts, and proper occlusion.

Quadrant Provisionalization to Finish Product



Temporization with Telio



After Placement **ALWAYS** Check the Bite...



Provisional Removal



POSTERIOR TEETH SHRINK WRAP!

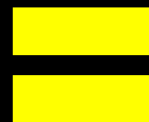


Telio Inlay & Onlay

- 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

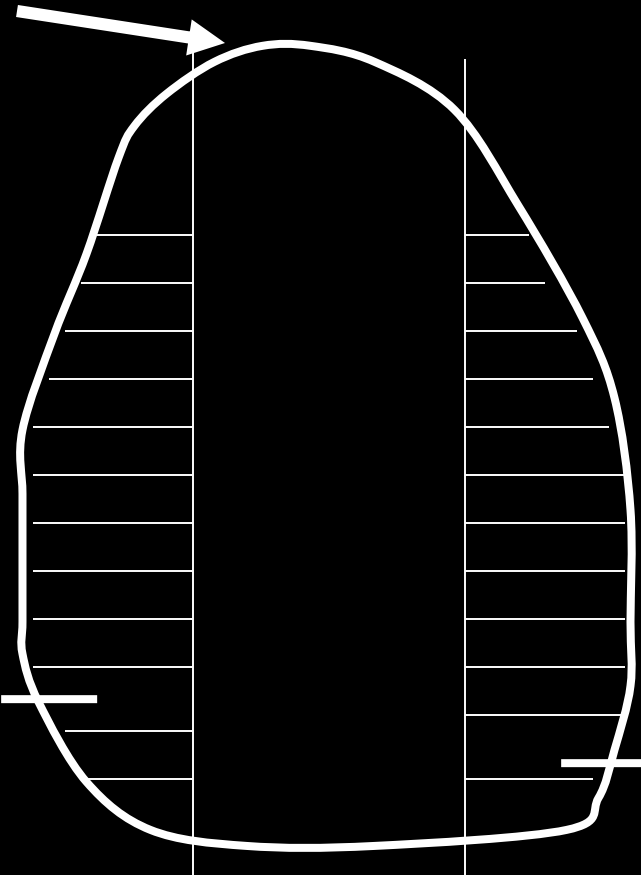


Outline Form

Maxillary Central Incisor #8

Gingival Zenith

Slightly distal center



Mesial

Less Rounded - Straight

Lower contact

Embrasure shallow, more square

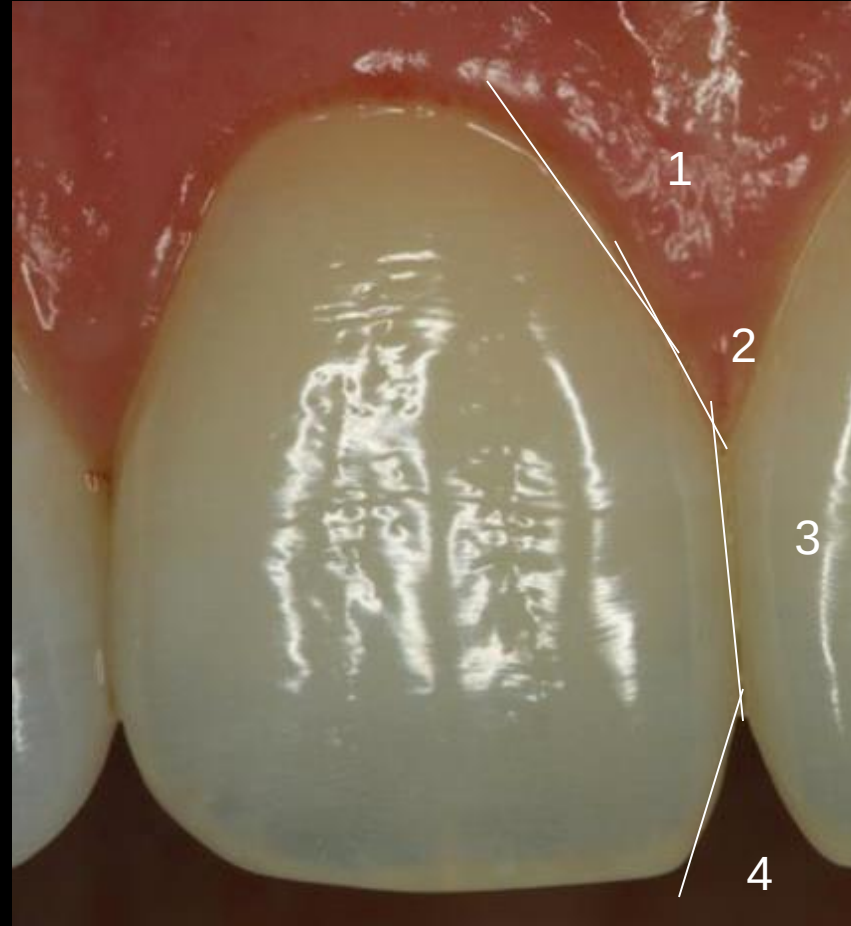
Distal

More rounded-Bulbous

Distal contact higher

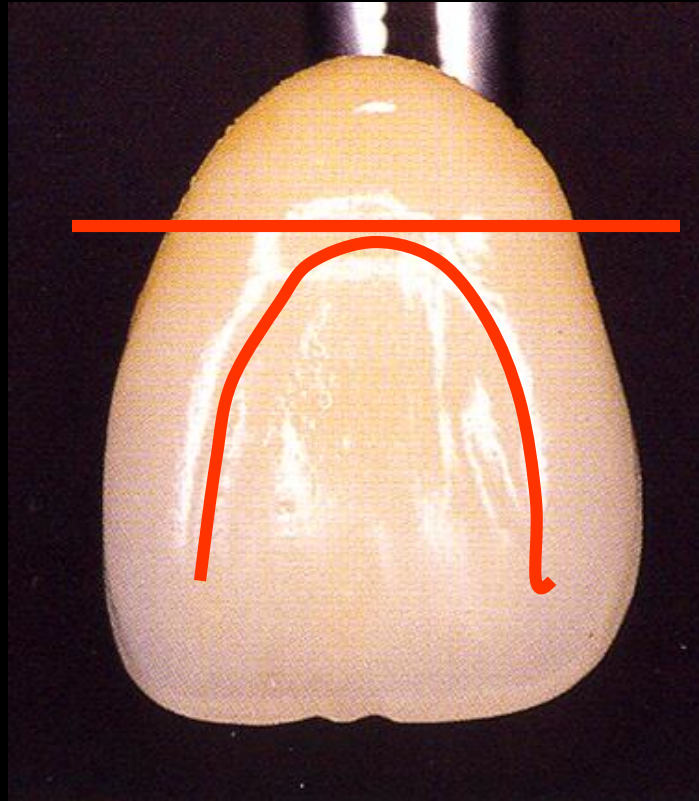
Embrasure deeper, more rounded

4 Mesial Angles of a Central



Mesial and Distal Marginal Ridges

Height of facial contour is greatest at the cervical neck

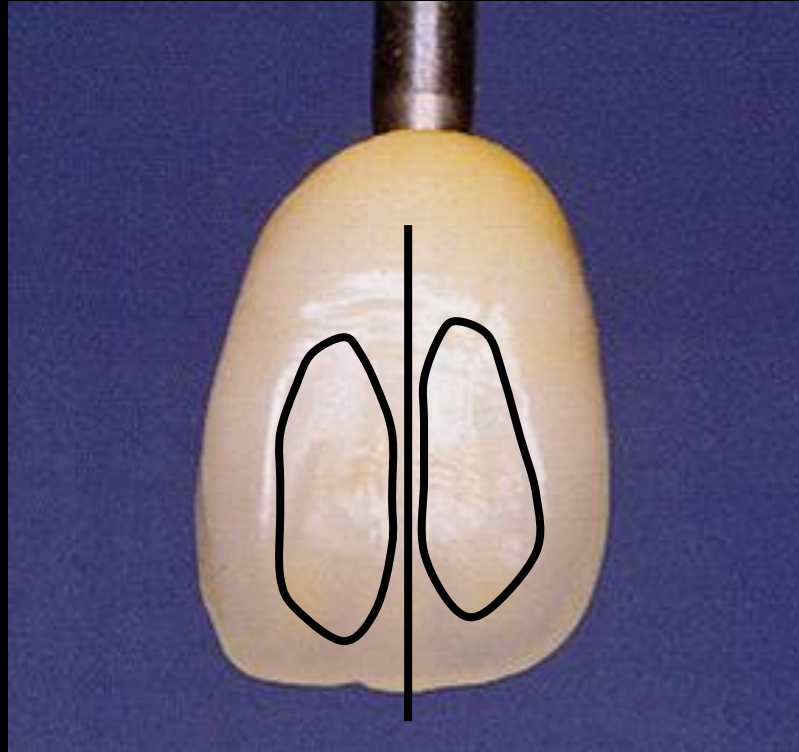


Incisal View- Central

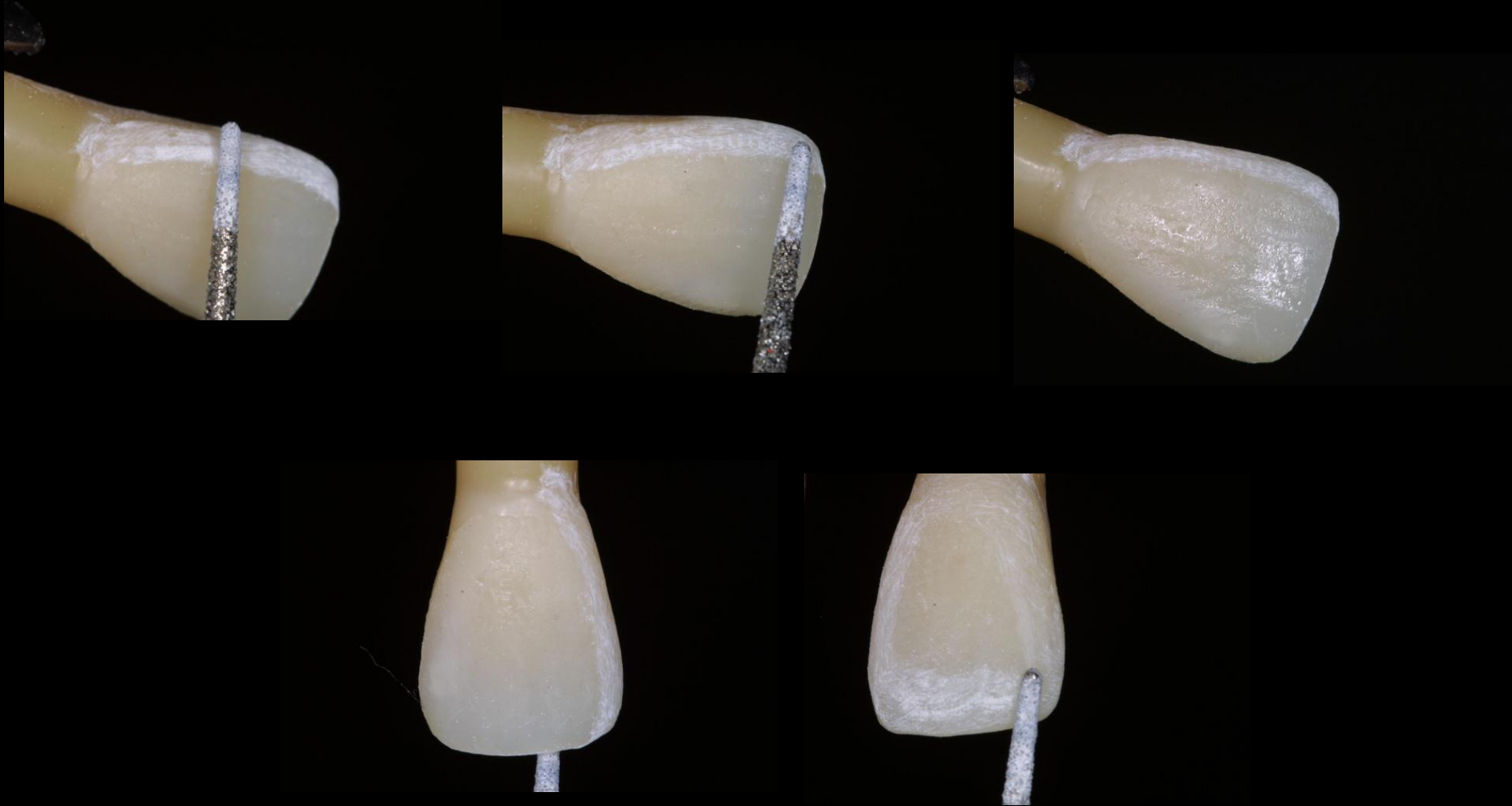


Note distinct "V"
Shaped notches
created by oblique
marginal ridge line
angles

Developmental Depressions



Gross Finishing

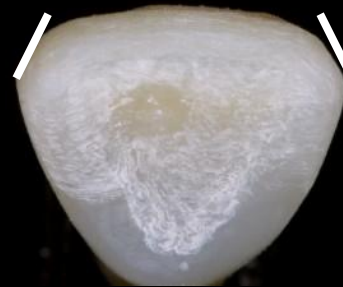


Coarse Chamfer Diamonds are used to define marginal ridges

Marginal Ridge Definition



Angle to lingual and
facial of contact area

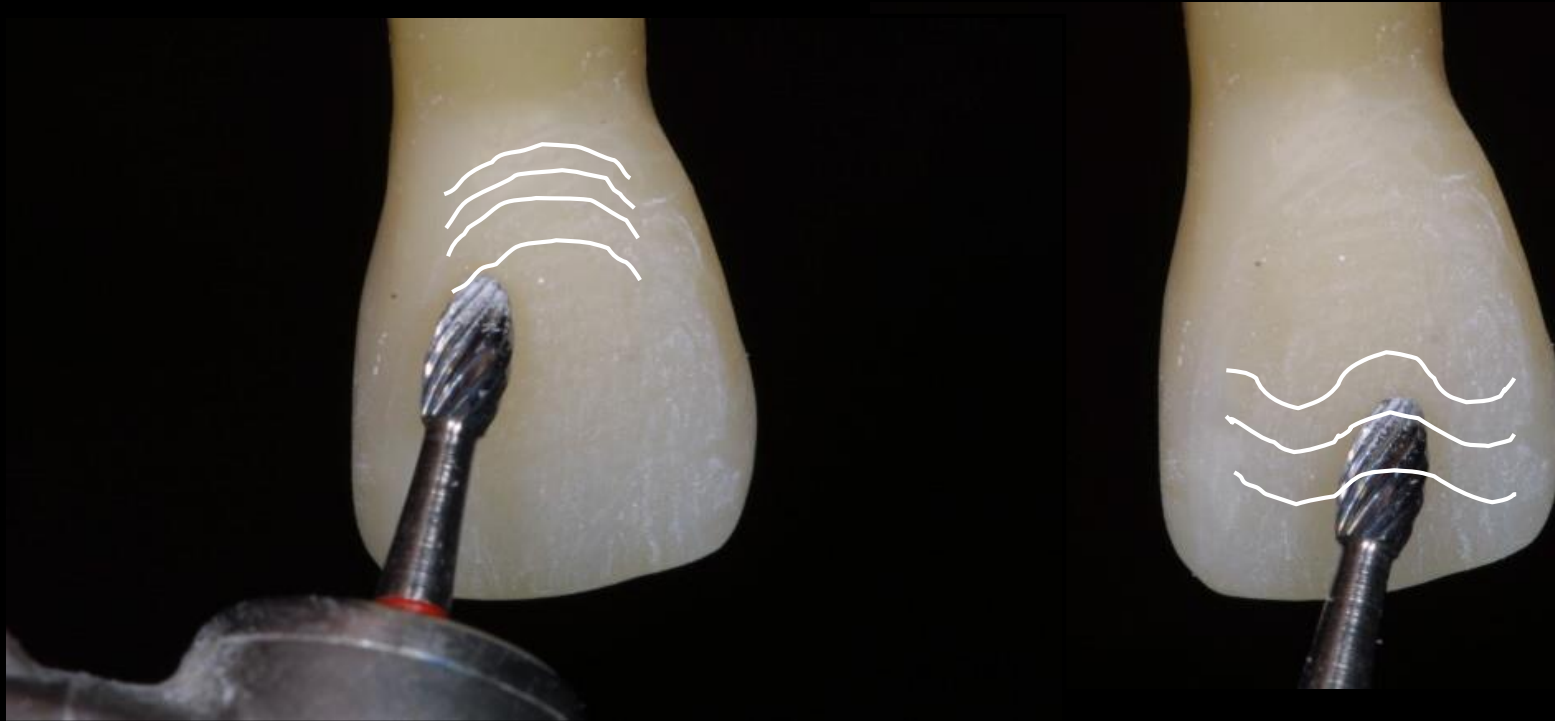


Sharp
divergence to
interproximal
embrasure

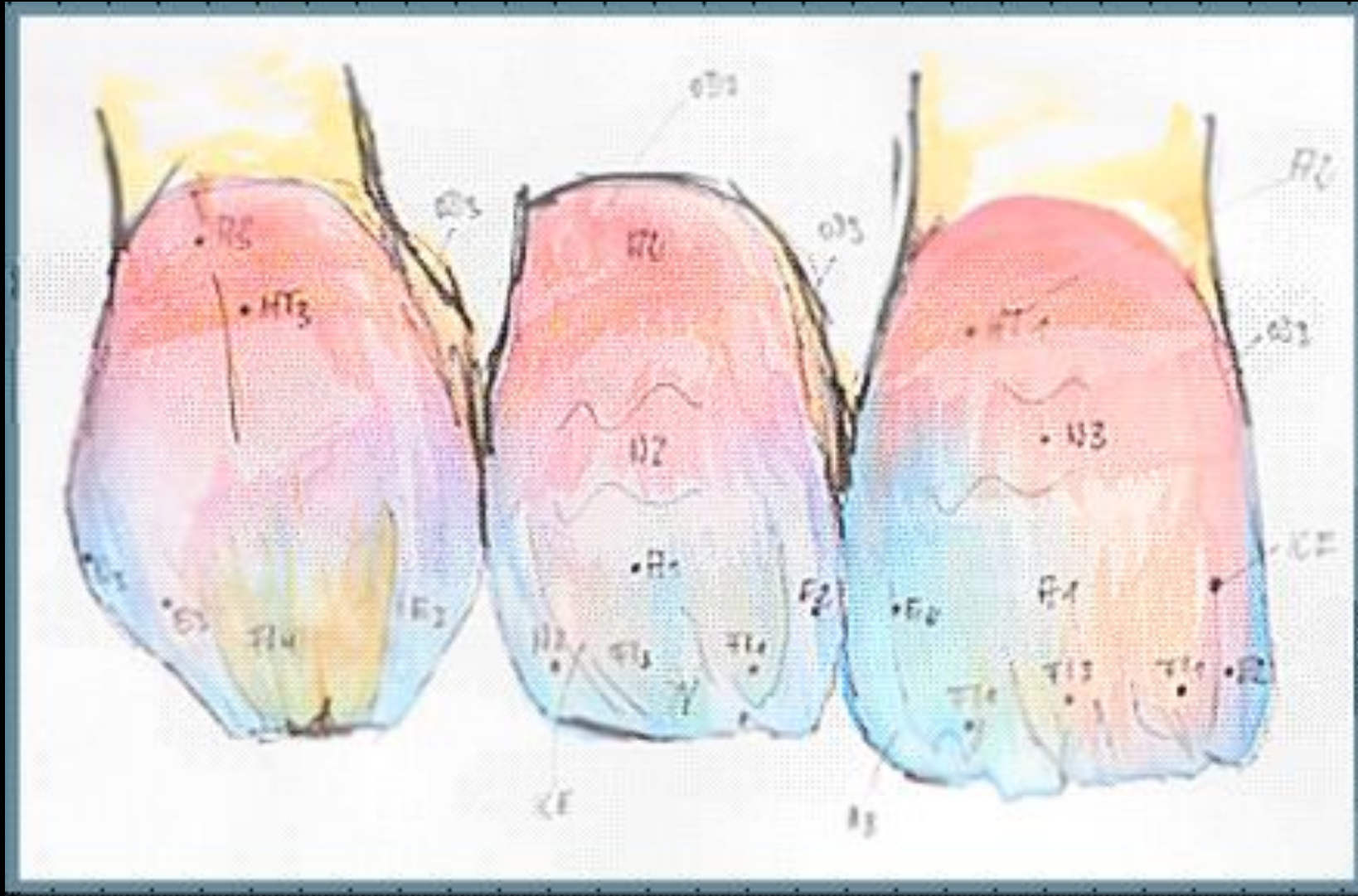
Facial Lobe Development



Lines of Embracation (Perikimata)



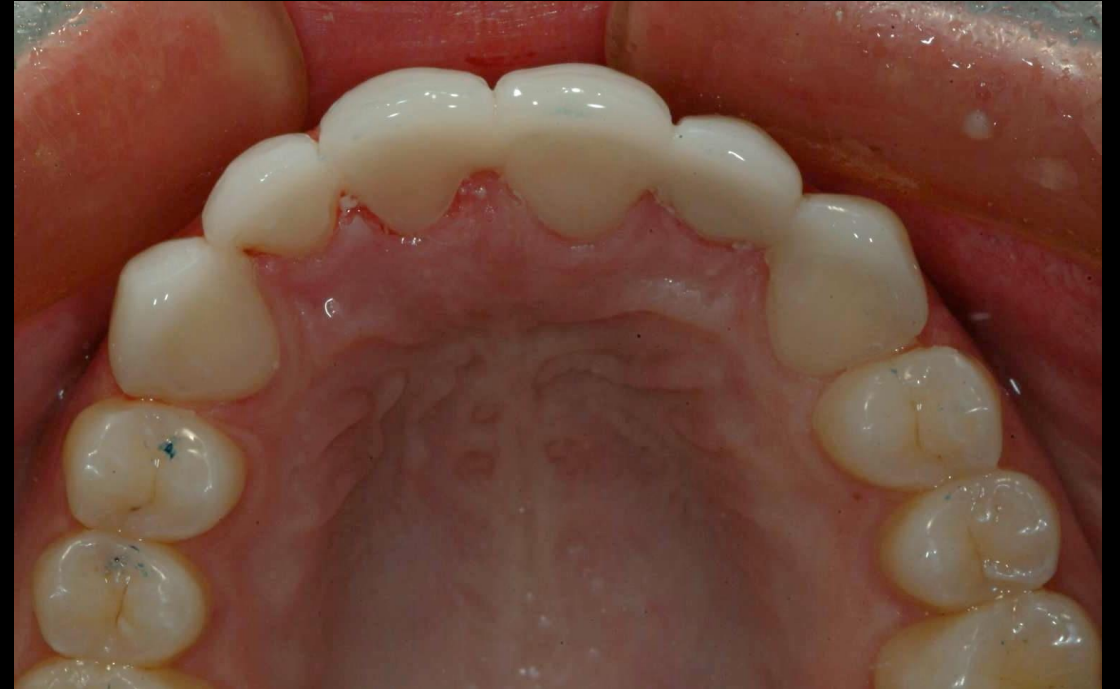
Combining the Art and the Science



Technique #3 Anterior 6-1 1



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

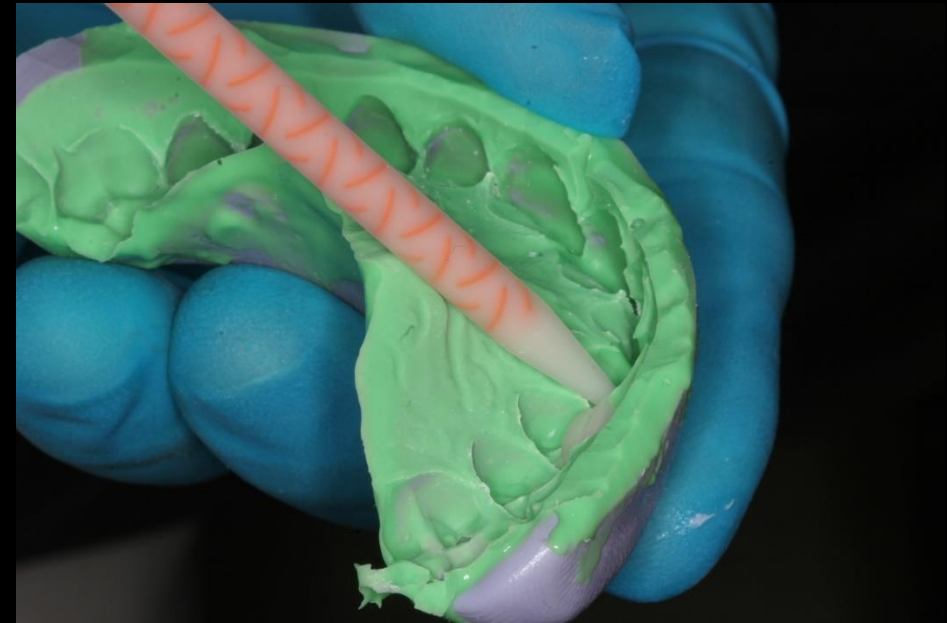


Rinse

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

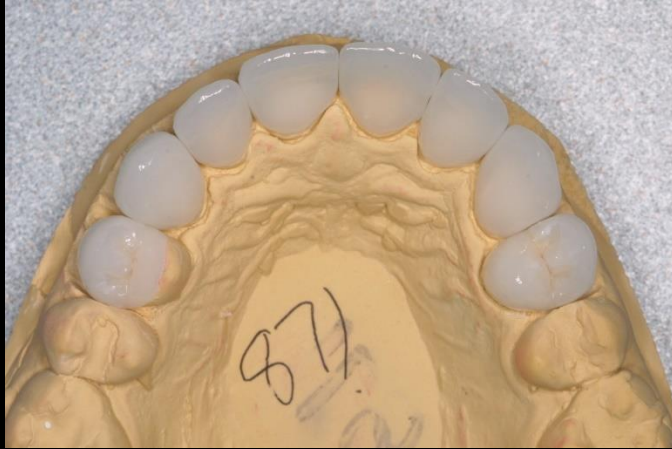


Repair voids with flowable

Using the Provisional as a Guide



Fabricate Ceramics



Immediate Provisionals



Shrink Wrap Technique

Final Porcelain



Ivoclar Initial Putty

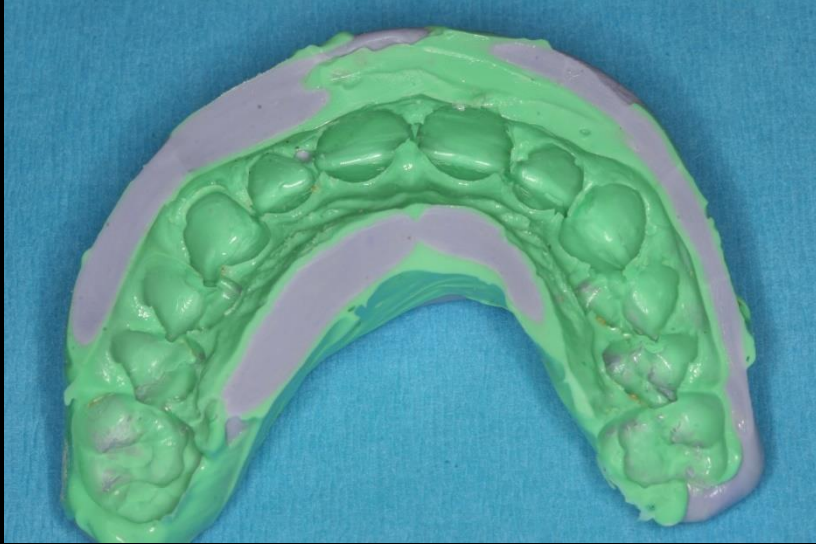
- Allows you More Time to be Flexible....
- Great for Putty Matrix
- Great for replacing traditional preoperative impressions trays for single tooth dentistry
- Cost effective
- Saves on materials



Preliminary Wax-Up



PUTTY GUIDES



Optra Gate

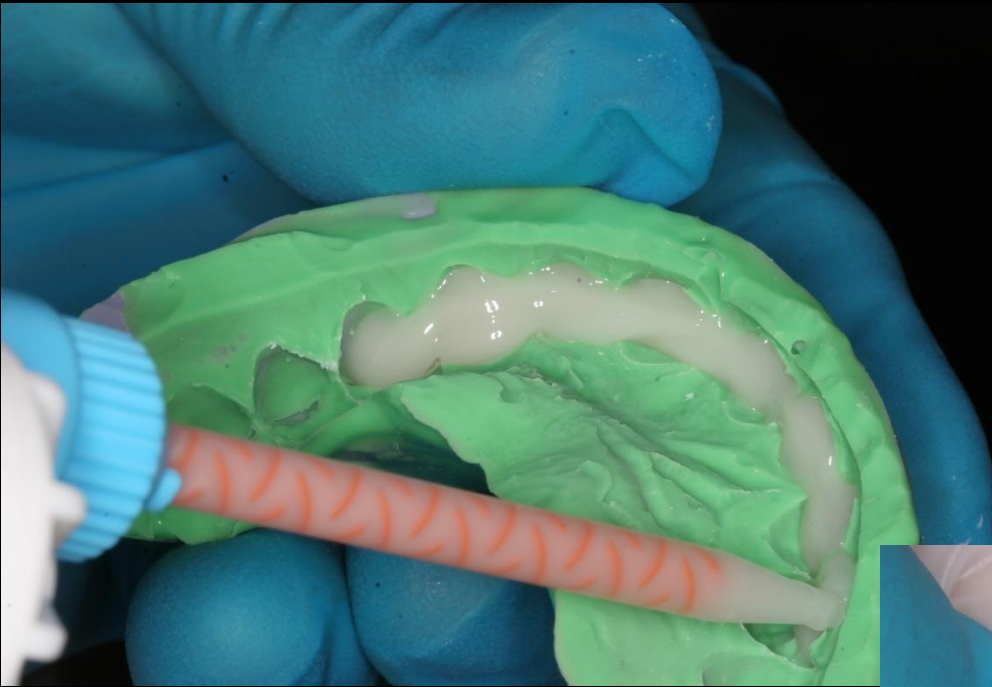
A Hidden Treasure Disposable Retraction



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



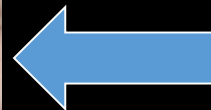
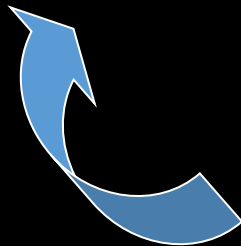
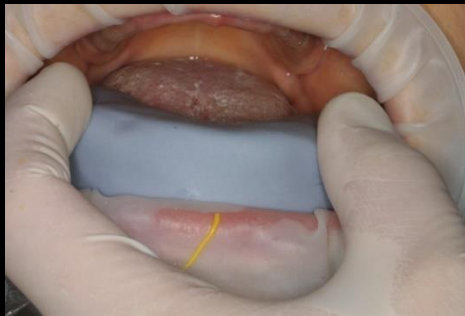
Full Mouth Provisionals



Shrink Wrap Provisional Technique



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

