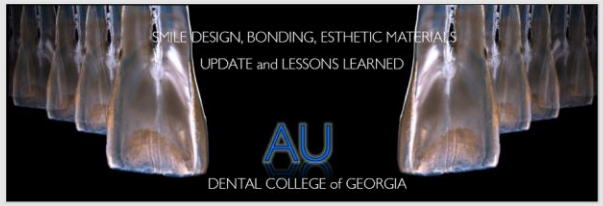

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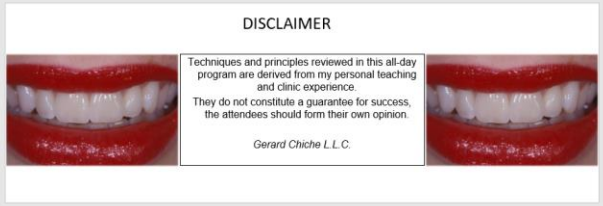

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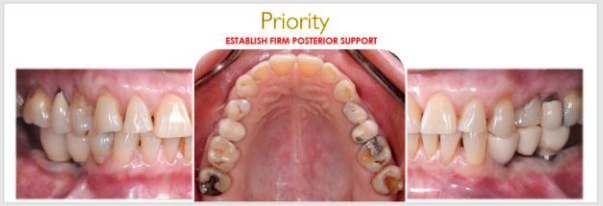

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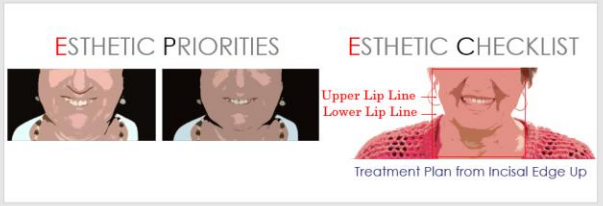

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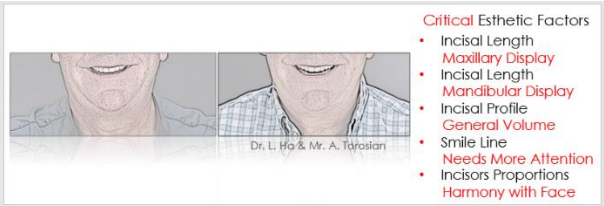

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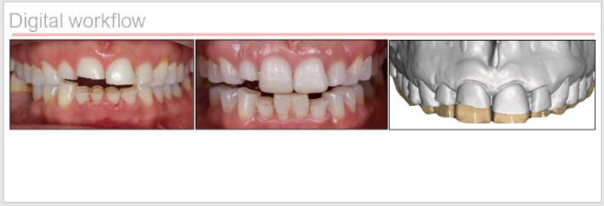

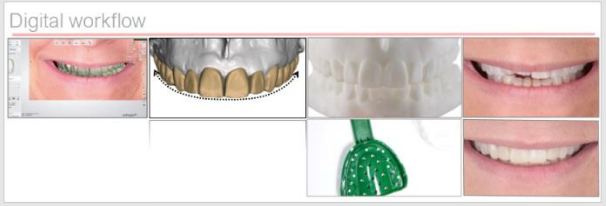

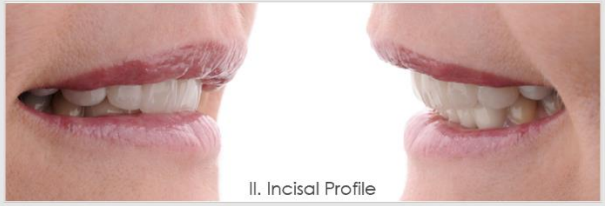

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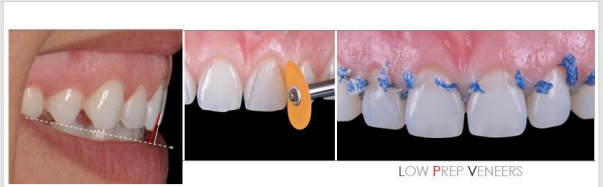

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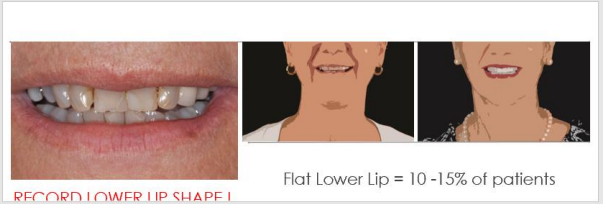

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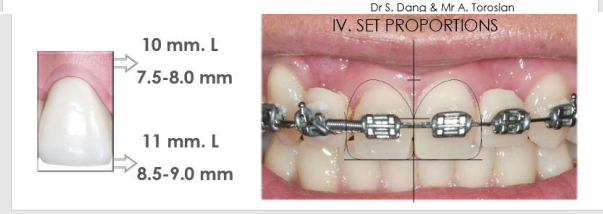

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Veneer Treatment – CEJ is Deep

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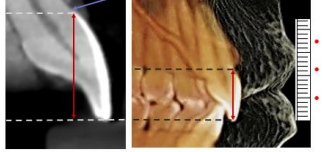

Priorities

- CEJ Location
- Gal Margin – Bone Crest
- Root Length

1. WHERE IS THE CEJ ? = Keep Veneers in Enamel

38

CEJ Level = Maximum Veneer Extent

39

Intrusion vs. Crown Lengthening

1. CEJ Location 2. Root Length 3. Restoration Type

40

Interdisciplinary Team Work

Intrusion Best If Crown Lengthening is Too Aggressive

Crown Lengthening Best If Clinical Crowns are Very Short

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Canine Overload Problem

Again !

CANINE GUIDANCE
Minimum Requirements

Disclusion of Posterior Teeth
In Laterotrusion

IDEAL CLASS I CANINES & MOLARS
Cusps Escape & Low Forces

PROVISIONAL FRACTURE

NEED More Vertical Prep.
More Lingual Prep.

Solution: Increase Lingual Concavity of Veneer

46

RESTORE CANINE GUIDANCE
with
Canines Upright & less Convergent
Make Lingual Contours Less Steep

47

Canines Rule

48

DESIGN CANINES UPRIGHT and LESS CONVERGENT

Steep Canine Rise Does Not Work on Every Patient

49

Always Check Canines Axis

50

Group Function Indications

1. Weak or Mobile Canine
2. Canine Implant
3. Patient Does not Tolerate Canine Guidance

51

V. PERFECT vs PERSONALIZED

1. POINTED CANINES
2. ASYMMETRIC LATERALS
3. INCISAL EMBRASURES
4. COLOR GRADIENTS

Interdisciplinary Team Planning

Favorable Mandibular Teeth Set-up and Alignment

Dr. J. Londono & Mr. A. Torosian

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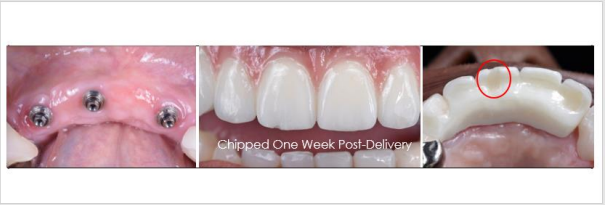

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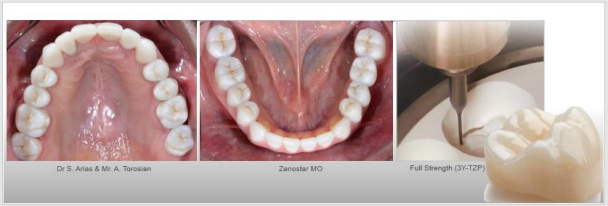

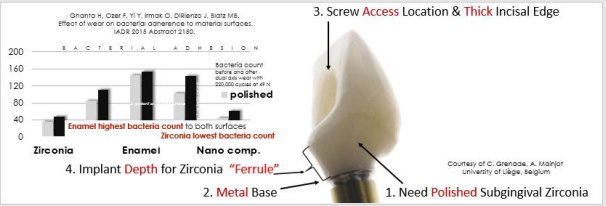

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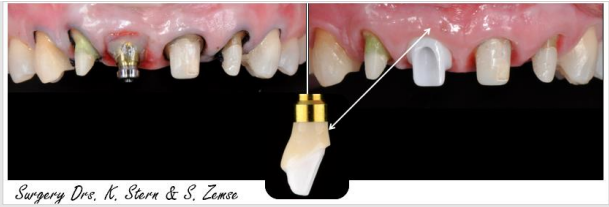

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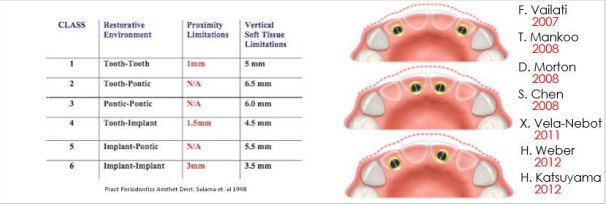

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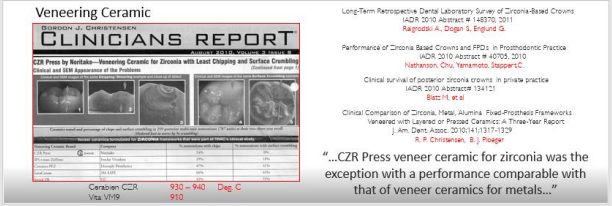

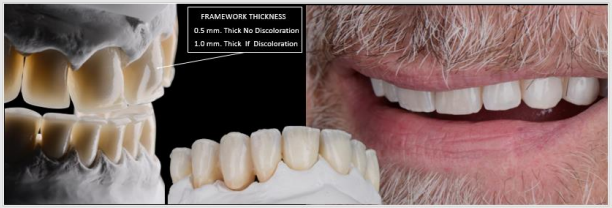

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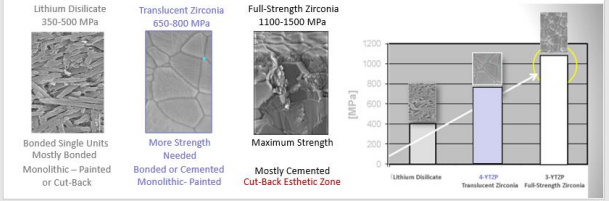

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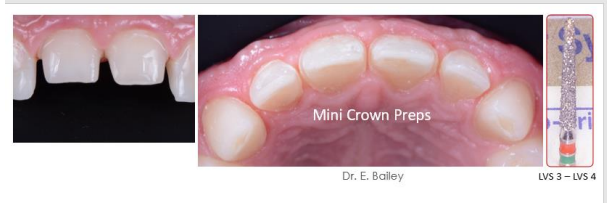

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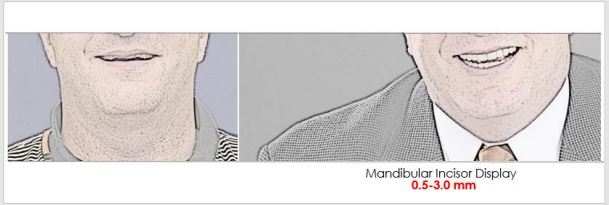

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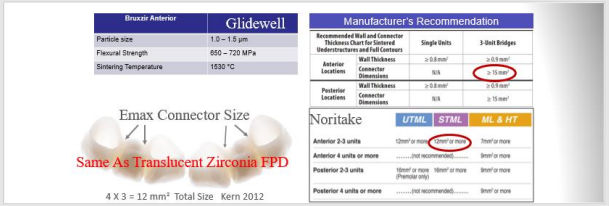

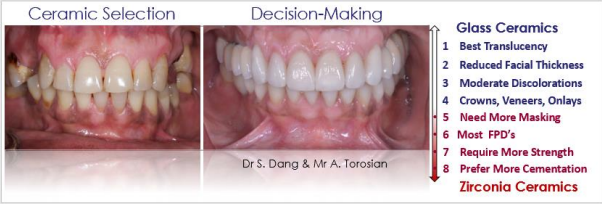

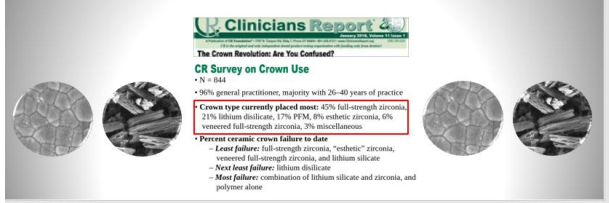

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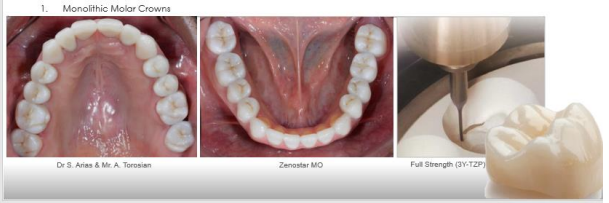

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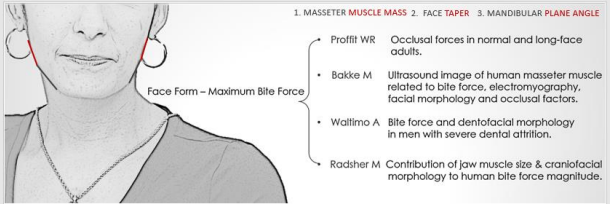

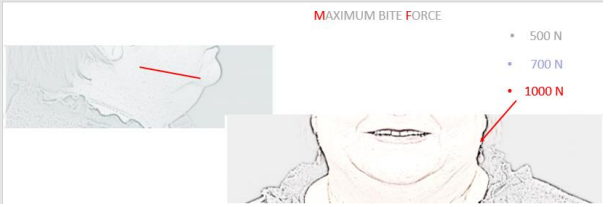

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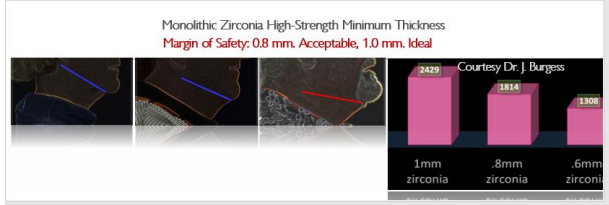

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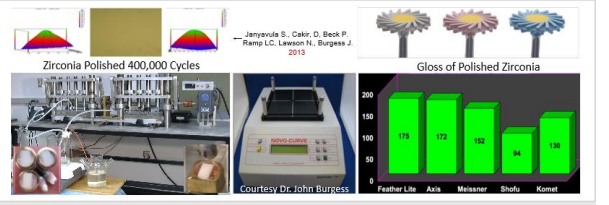

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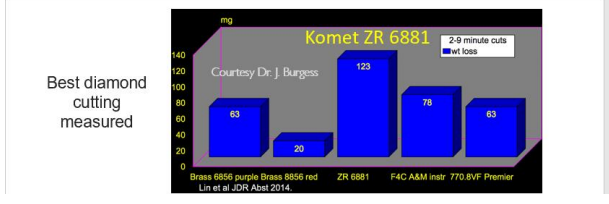
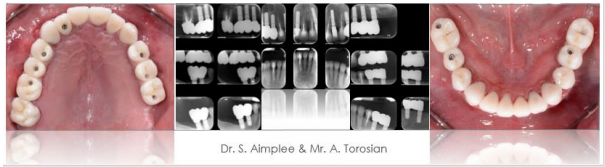


"…The screws must be absolutely **surrounded by minimum of 2 mm.** of zirconia all the way around …"
L. Cooper 2015



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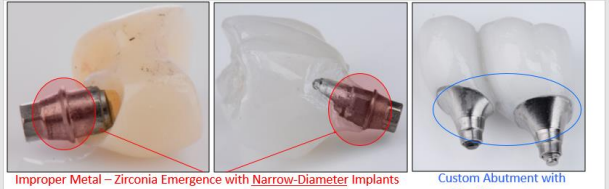

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Zirconia Classified – 3 or 4 mole% Yttria

Opaque 3Y-TZP 1100-1500 Mpa		Medium Translucent 4Y-TZP	
BruxZir	Glidewell	Katana STML	Noritake
Cercon HT	Dentsply	Zenostar MT	Wieland
Katana HTML	Noritake	ZirCAD MT	Ivoclar
Lava Frame	3M	Zpex 4	Tosoh
NobelProcera, HTML	Nobelbiocare	Lava Plus	3M
Zenostar MO & Zenostar T	Wieland		
ZirCAD MO, ZirCAD T	Ivoclar		
Zpex	Tosoh		

Y. Zhang & B.R. Lawn J. Dental Research 2018 vol 97 (2) 140-147

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SUBJECTIVE DECISION = Rx ESTHETICS WITH MORE STRENGTH

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1. 4-Y Cerec Blocks

Opaque 3Y-TZP 1100-1500 Mpa			
BruxZir	Glidewell	Katana STML	Noritake
Cercon HT	Dentsply	Zenostar MT	Wieland
Katana HTML	Noritake	ZirCAD MT	Ivoclar
Lava Frame	3M	Zpex 4	Tosoh
NobelProcera, HTML	Nobelbiocare	Lava Plus	3M
Zenostar MO & Zenostar T	Wieland		
ZirCAD MO, ZirCAD T	Ivoclar		
Zpex	Tosoh		

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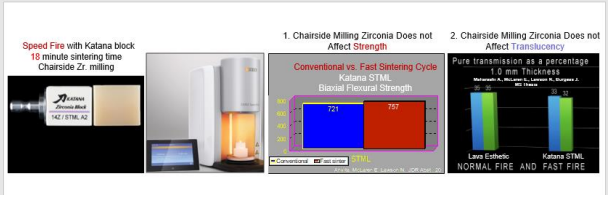

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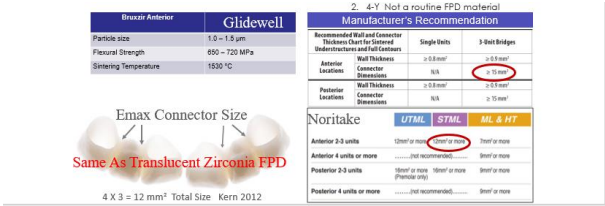

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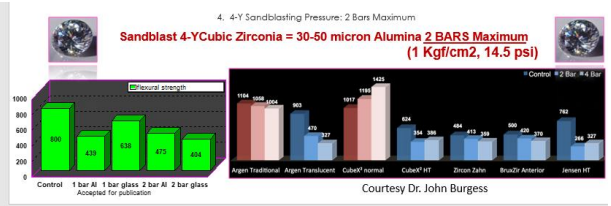

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Translucent Zirconia
(Adequate Thickness, Case selection)

- 1. Esthetics with More Strength i.e. Bruxer.
- 2. Monolithic and Milling reduce Cost.
- 3. Cement Opportunity for Simplicity
  Especially if Gingivitis or Deep margins.

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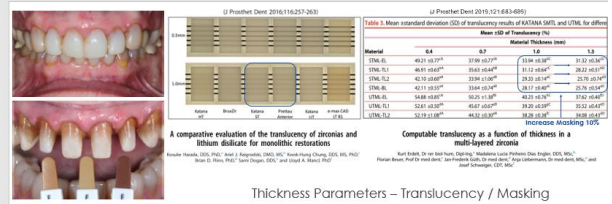

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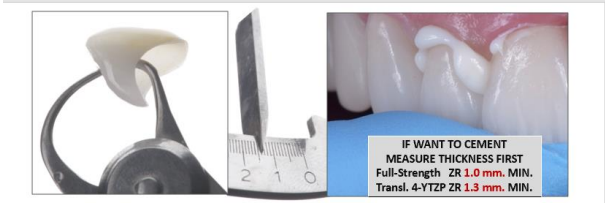

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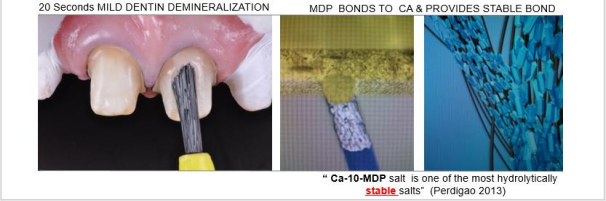

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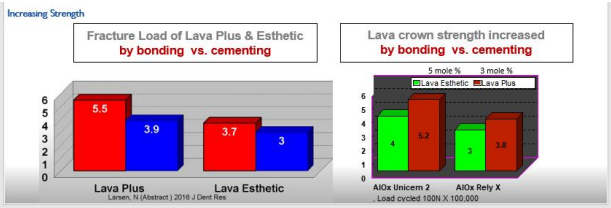

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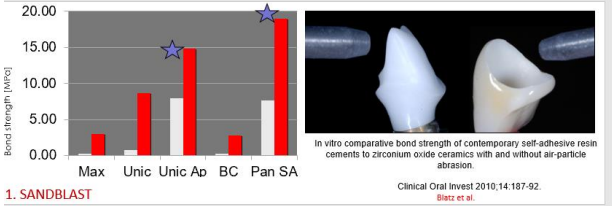

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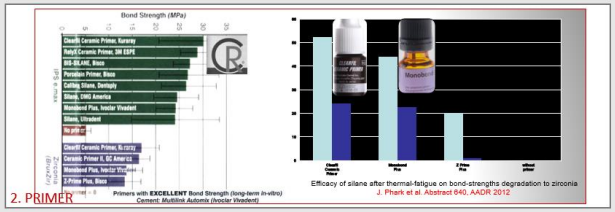

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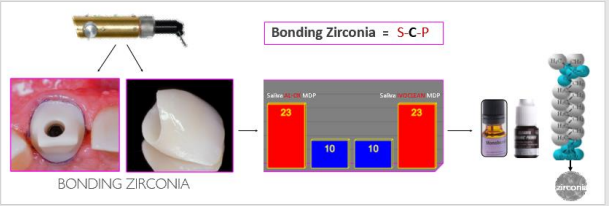

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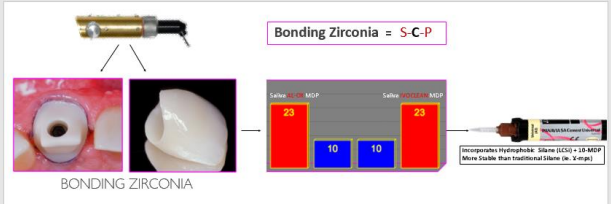

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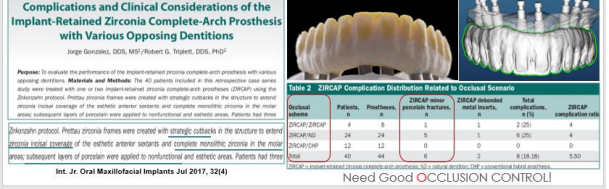

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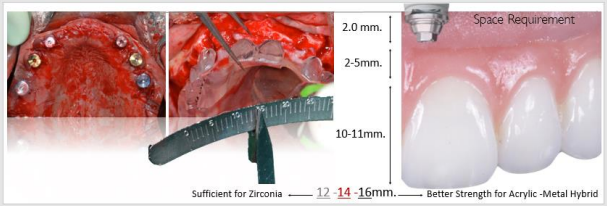

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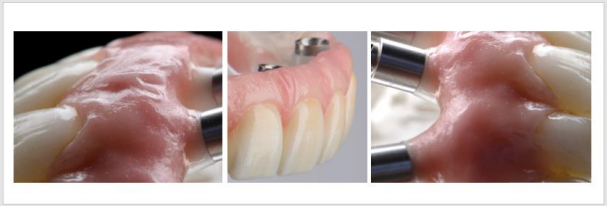

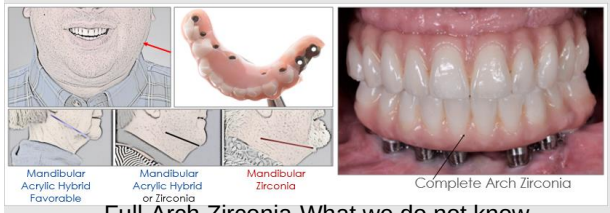

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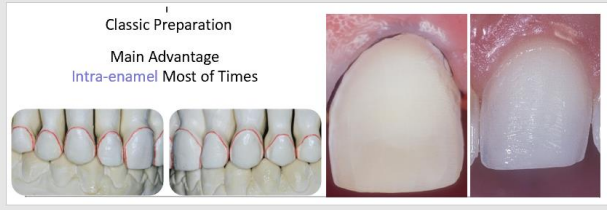

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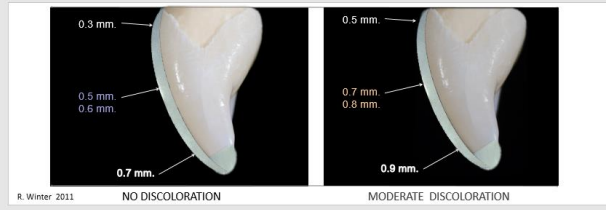

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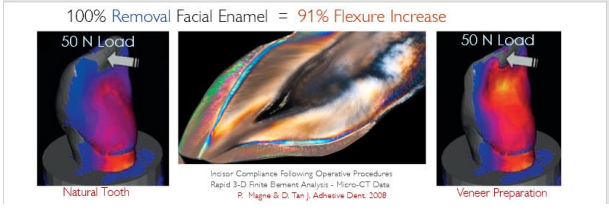

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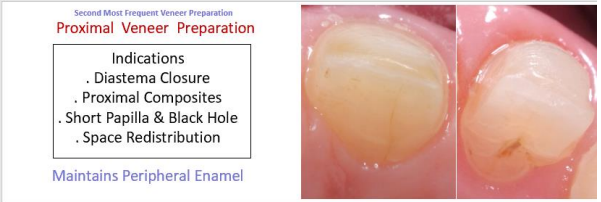

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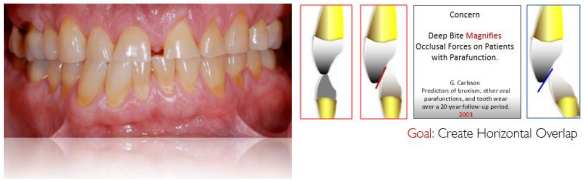

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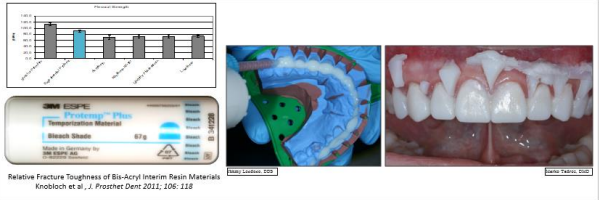

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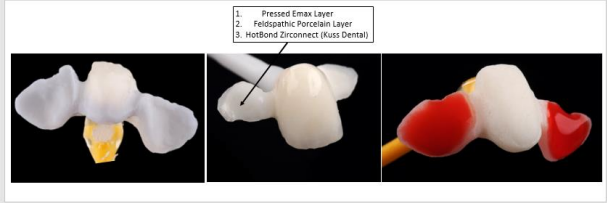

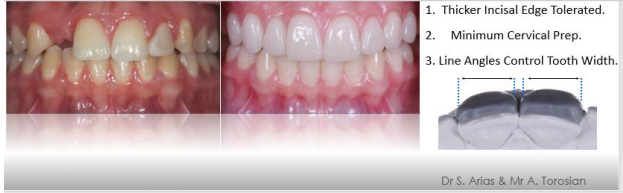

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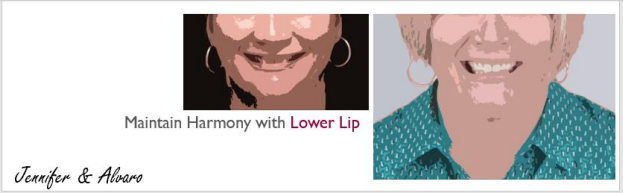

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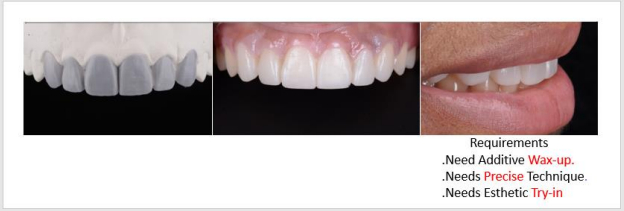

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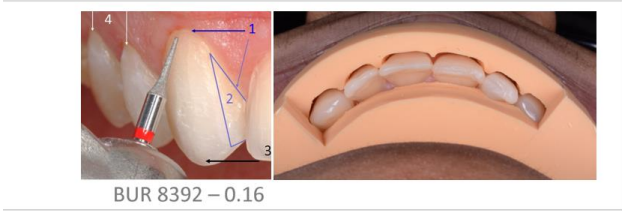

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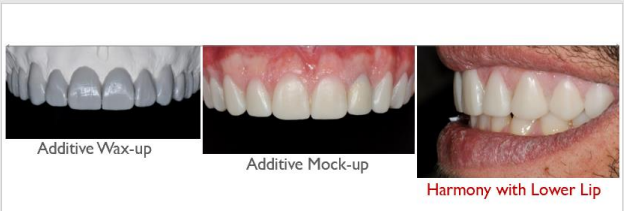

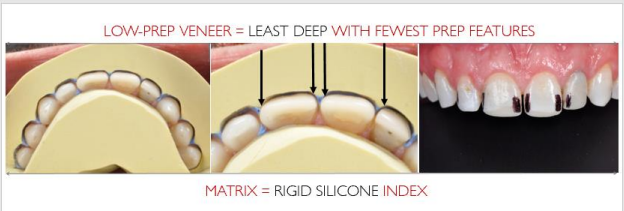

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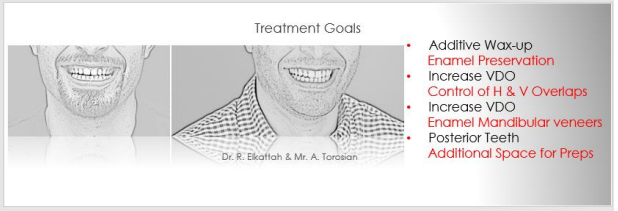

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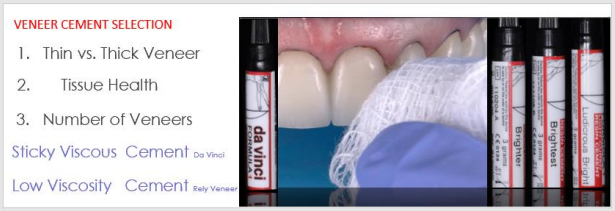

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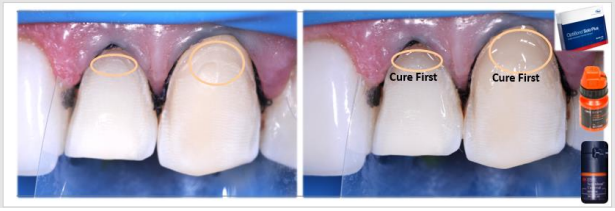

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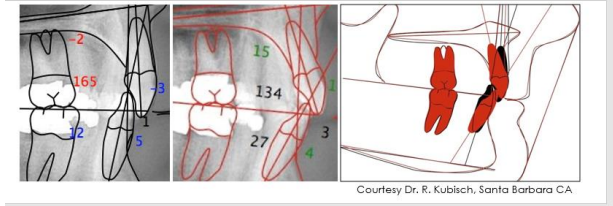

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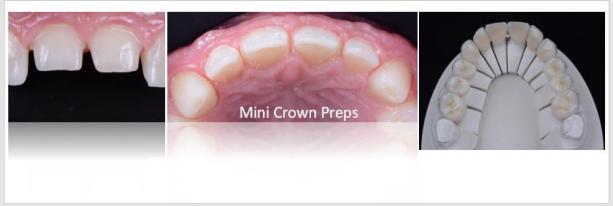

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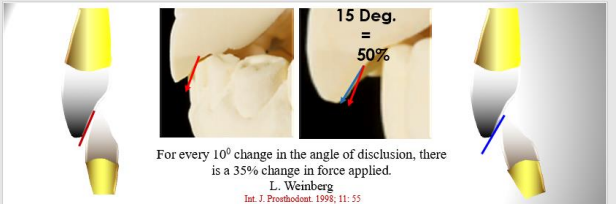

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Prerequisite – No TMJ Symptoms, no clicking

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Fabricating short-term interim restorations from edentulous tissue conditioner material.
R.Elkattah, J. Kim, J. Londono
J Prosthet Dent Online 2015

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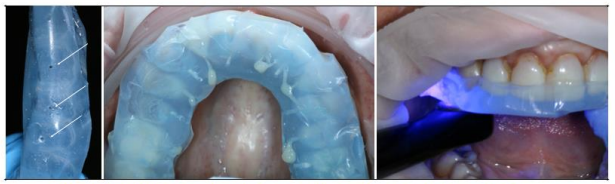
2. Etch Every Other Tooth H3PO4 – HF on Porcelain (W. Hall)

3. Bond and Load Clear Matrix with High-Filler Load Flowable Composite



4. Small Vent Holes Over Lingual Cusps Minimize Excess on Adjacent Teeth

5. Split Clear Silicone Matrix at Mandible to Facilitate Isolation

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New VDO After Occlusal Refining – Ready for Quadrant Work

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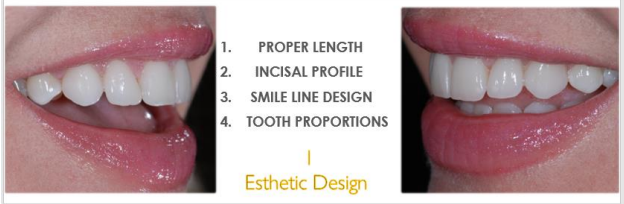

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