



Treating Black Triangles *plus*

David Clark DDS Tacoma WA

featuring

 BIOCLEAR

For a copy of today's presentation,
Learning Center info or the
essential Bioclear Library, email
me at:
drclark@bioclearmatrix.com



Meet Erica

- Second round of ortho
- 30-year-old female
- She is not originally my patient, she is self-referred after talking to four other dentists



What are Erica's chief complaints?



What were the options given when she complained to her orthodontist?



What was the TX Plan when she got back to her GP?



What were the TX Plans when she consulted with the periodontist?

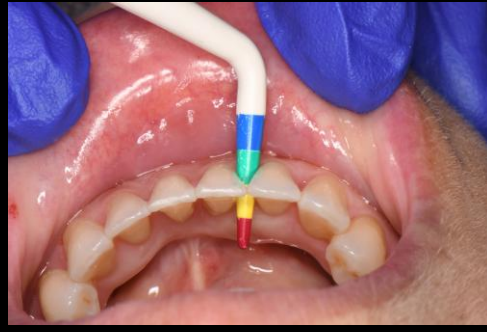


➤ Bioclear can fix almost everything if you follow the method



- Take photos from a lateral view. The patient doesn't see this (but everyone else in the room does)



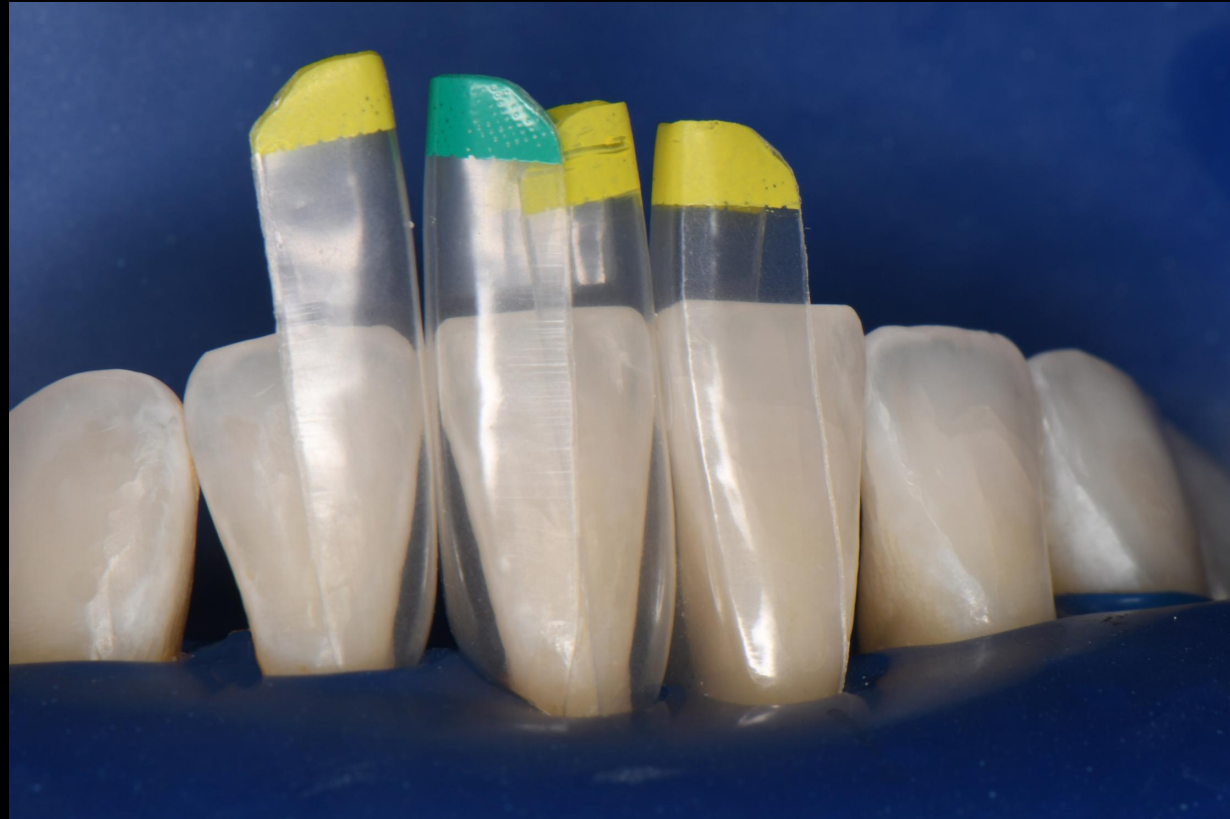


➤ Gauge the triangle space **before** the rubber dam





➤ “Aquarium” matrices and “Shield” matrices











Pre-Operative



Pre-Operative



1-Year Post-Operative



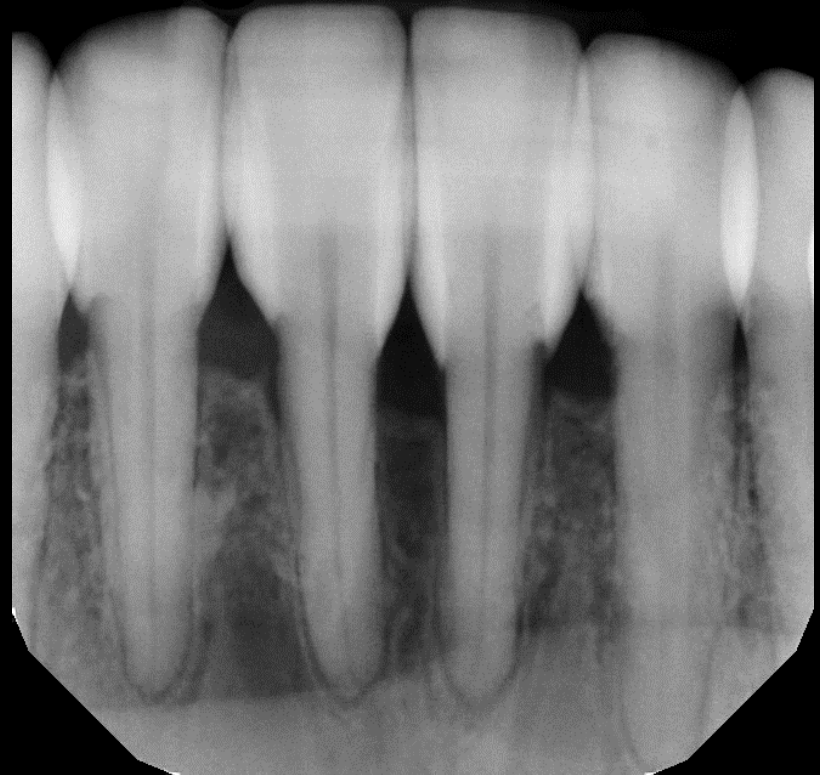
1-Year Post-Operative



Pre-Operative



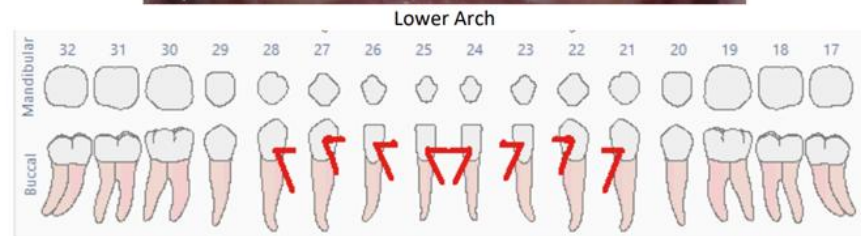
1-Year Post-Operative



If you are doing multiple BTs, consider overmolding the entire tooth, even when we are not “charging” for that triangle area



Patient Name: Erica [REDACTED]
 Consultation Date: 03-08-2021
 Treating Doctor: David Clark



Appointment time required to complete treatment One Day: 7am to 4pm with 10 day follow appointment.

- **Lunch and Breaks:** We provide a protein liquid drink for lunch. Be sure to eat breakfast prior to appointment. You will receive breaks to rest your jaw and use restroom.
- **Night Guard:** To protect your Bioclear restorations. Requirement for 5 yr. warranty of restoration. REFERRED: Night guard to be fabricated by your local dental provider.
- **Whitening Tray Options:** 1 Kit: (Kit include: custom upper and lower trays and bleach) Following Bioclear restoration placement for take home maintenance. Cost: **\$250**


Tooth #	Description	Fee
Comprehensive Evaluation: complete oral evaluation, color, size determination, photos.		
• Bioclear Comprehensive Evaluation		\$289

Bioclear Black Triangle: To close negative space between teeth and rejuvenate tooth to youthful appearance.
Tooth # 21/22, 22/23, 23/24, 24/25, 25/26, 26/27 Bioclear Black Triangle Closure Multiple **\$1,200** per Bioclear Black Triangle Closure.

Erica, you have the option to complete 5 or 7 Black Triangle Closures.

5 Black Triangles \$6,000
 7 Black Triangles \$8,400

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Welcome to the Bioclear Black Triangle Show

Fees

Scheduling, Fees, Codes

How to win – win

What does Injection Overmolding *feel* like?

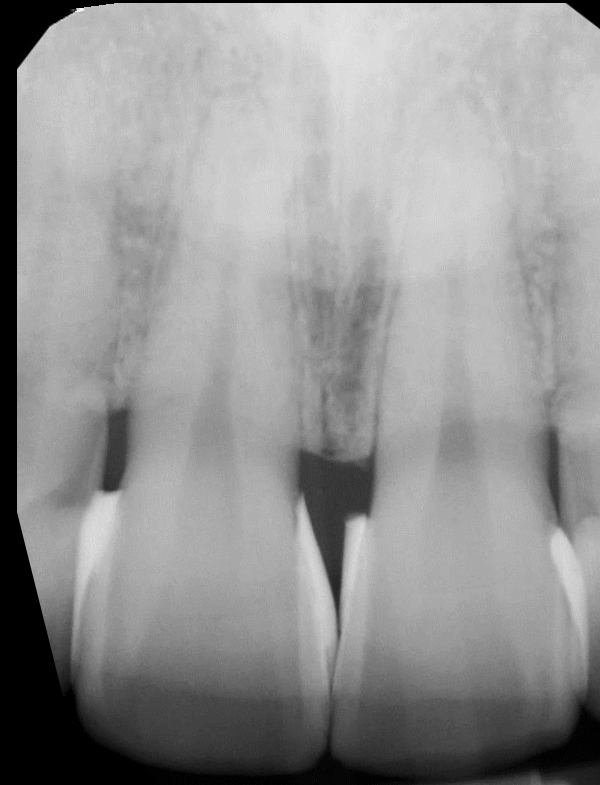
bonding



Bioclear



Right Method and Matrix vs Wrong Everything



Let's go back to 2011



A young orthodontist with beautiful teeth...



She HATED Her Black Triangles



Courtesy Dr. David Clark

Immediate post-operative



6 months post-operative



6 years post-operative





Pre-op



Post-Op



6 Years Post-Op

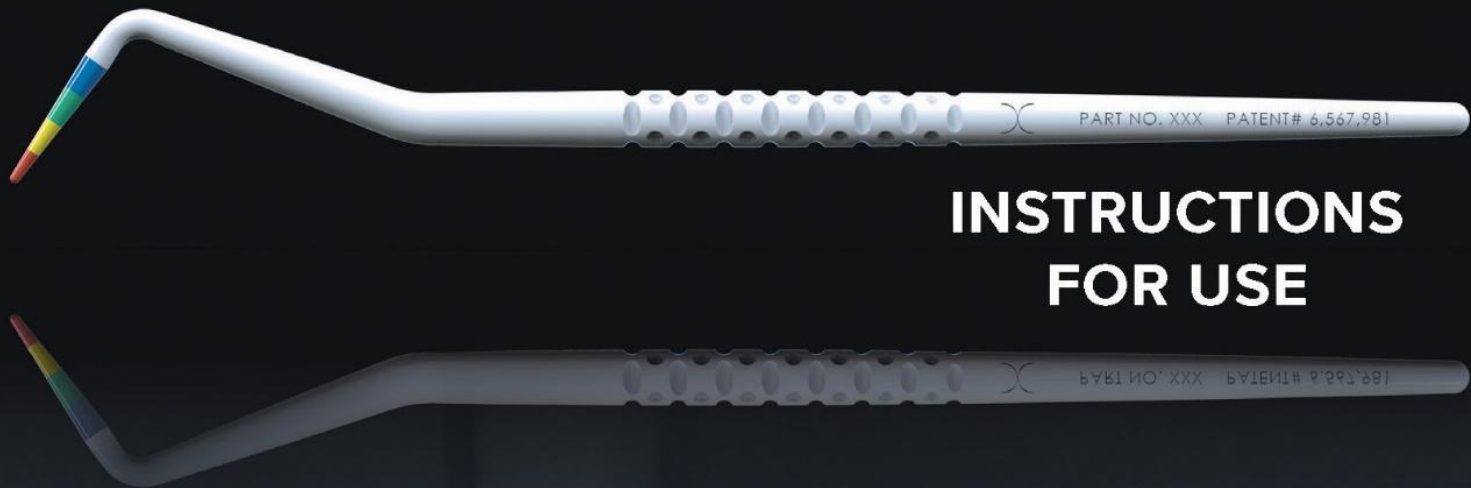


Pre-op



6 Years Post-Op

BT
MATRIX



**INSTRUCTIONS
FOR USE**

 **BIOCLEAR**

Bioclear Black Triangle Matrix Kit

A Simplified Method for Black Triangle Closures

- Disclose and remove biofilm
- Measure, matrix, fill
- Adapt and cure
- Finish and polish



Photo courtesy of Dr. David Clark

BLACK TRIANGLE SYSTEM INSTRUCTIONS FOR USE

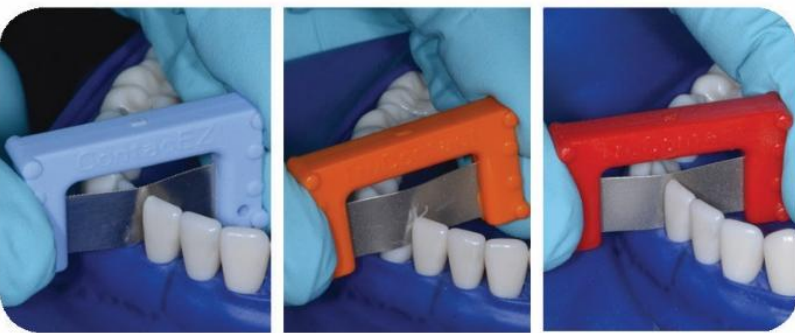
1
GAP
SIZING



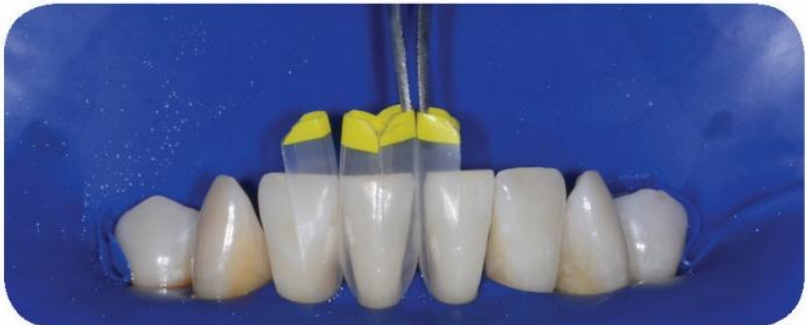
2
DISCLOSE
AND CLEAN



3
CONTACT
OPTIMIZATION



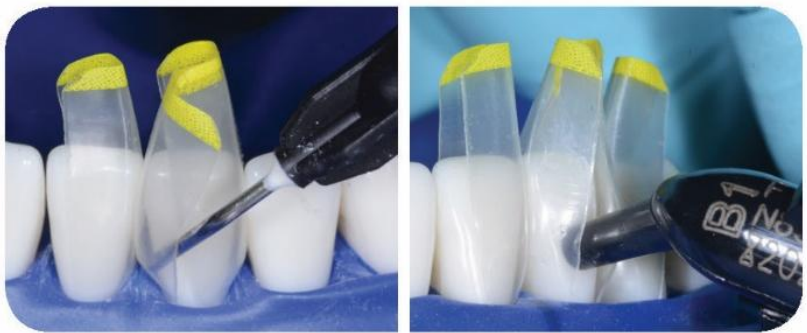
4
MATRIX
INSERTION

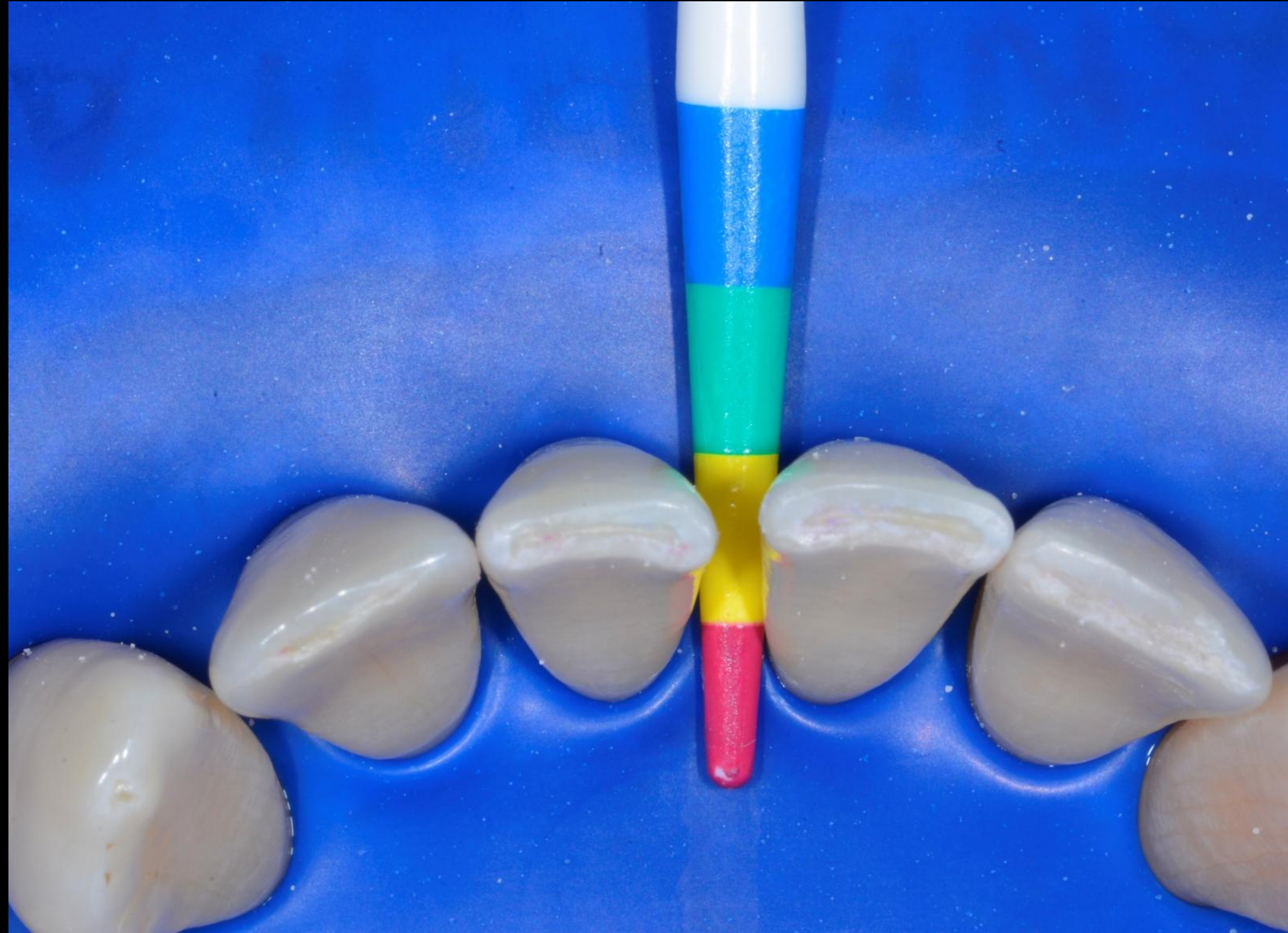


5
ETCH
AND RINSE



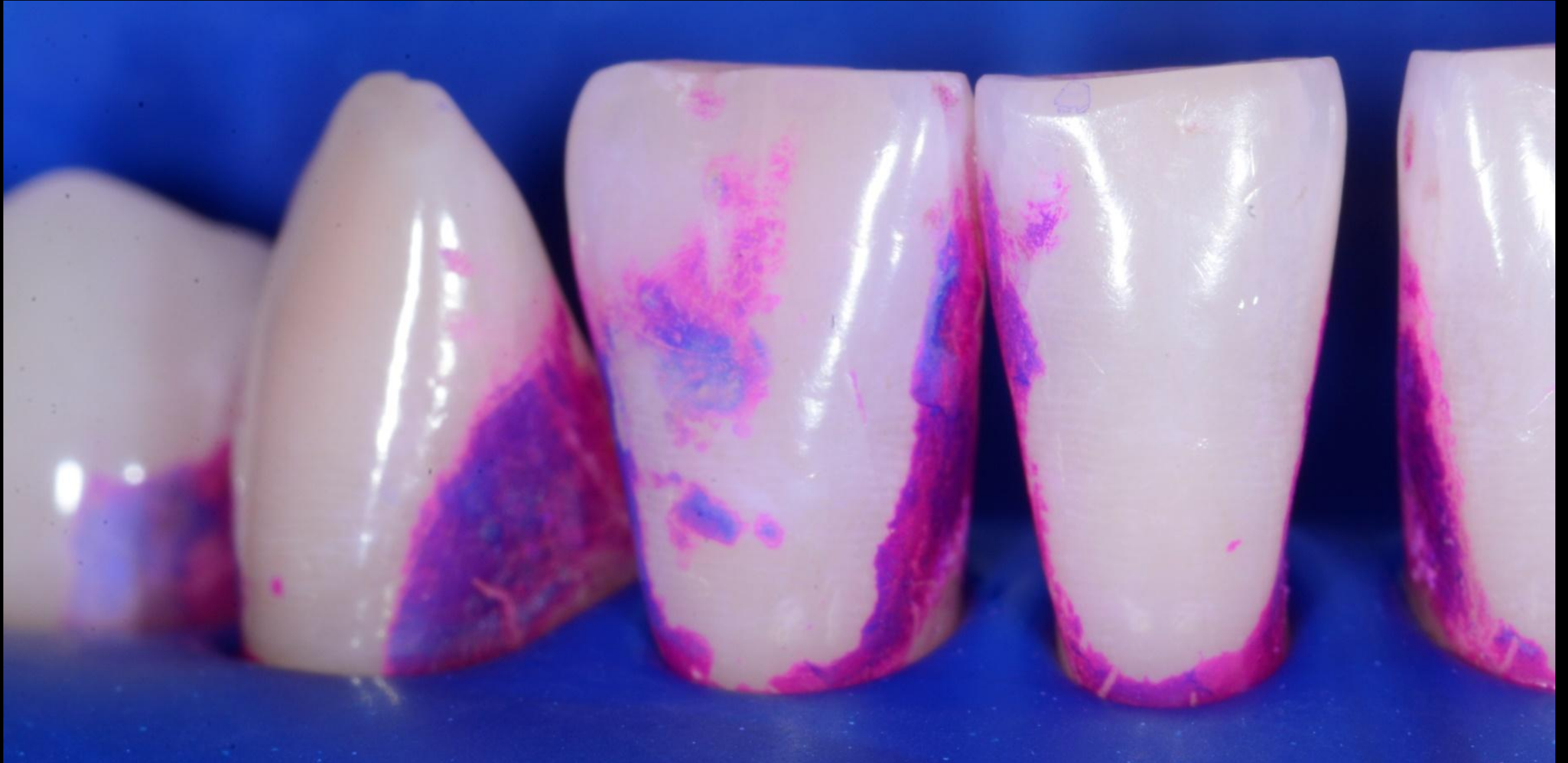
6
ADHESION,
INJECTION MOLD,
LIGHT CURE,
RELEASE MATRIX,
FINISH







Bioclear Dual Color Disclosing

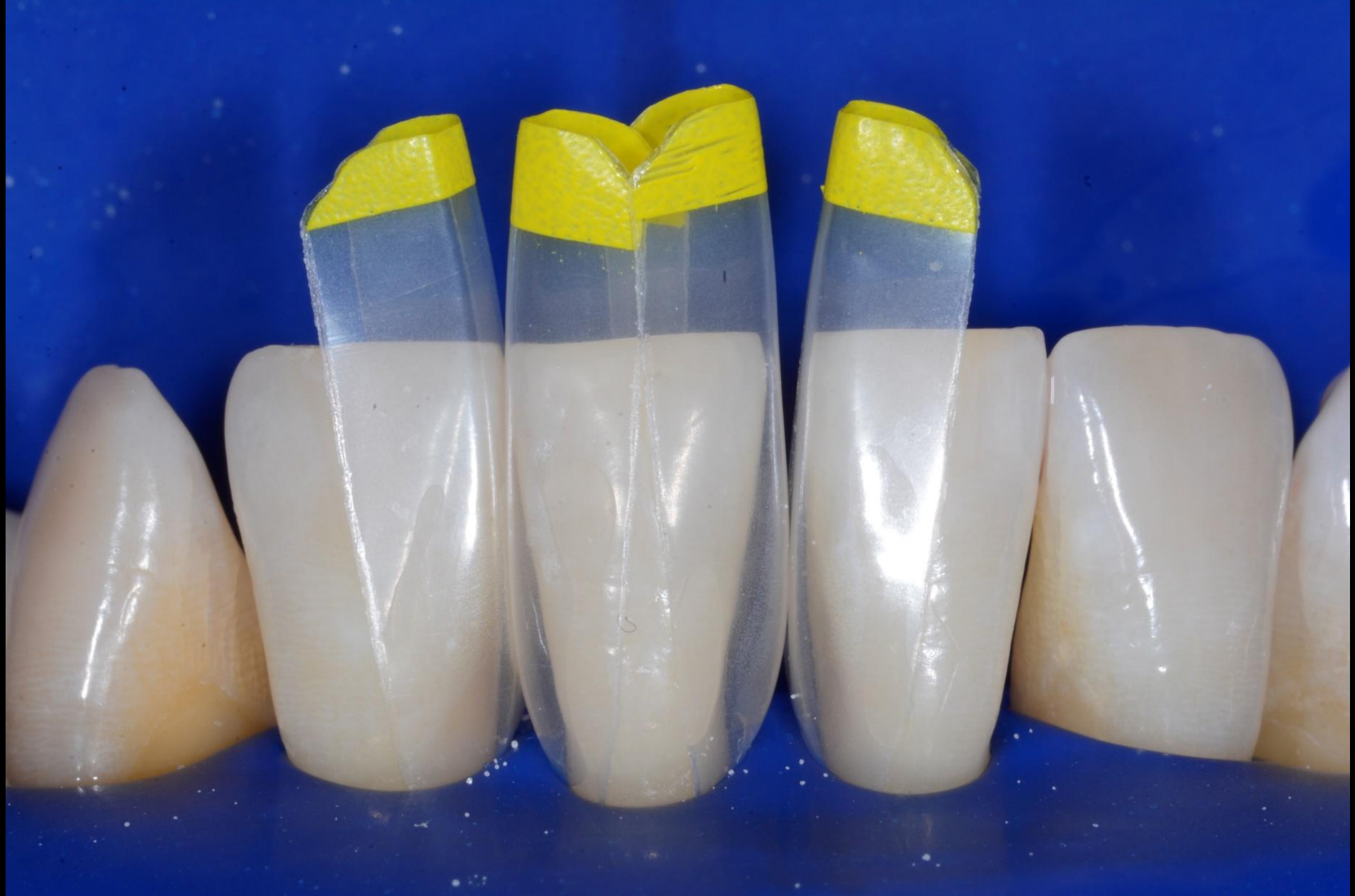


Bioclear Blaster







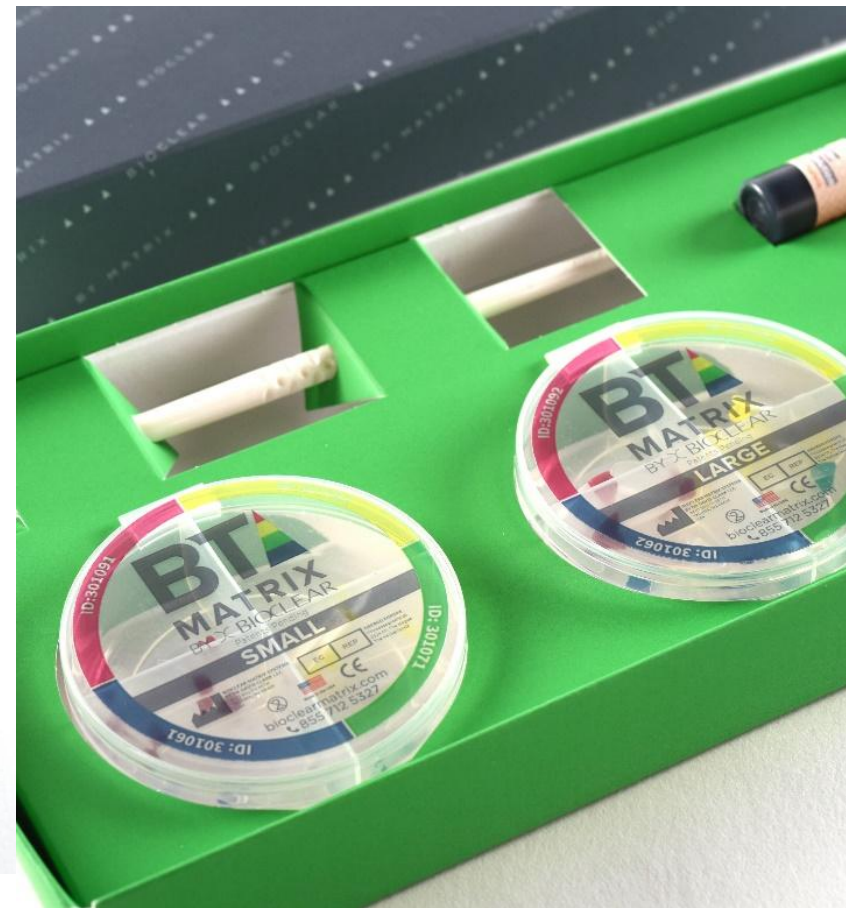








BT MATRIX BY BIOCLEAR



BT



MATRIX

BY  BIOCLEAR



Treating a Single Black Triangle

3M Science.
Applied to Life.™

featuring

∞ BIOCLEAR























2-year follow up



2-year follow up

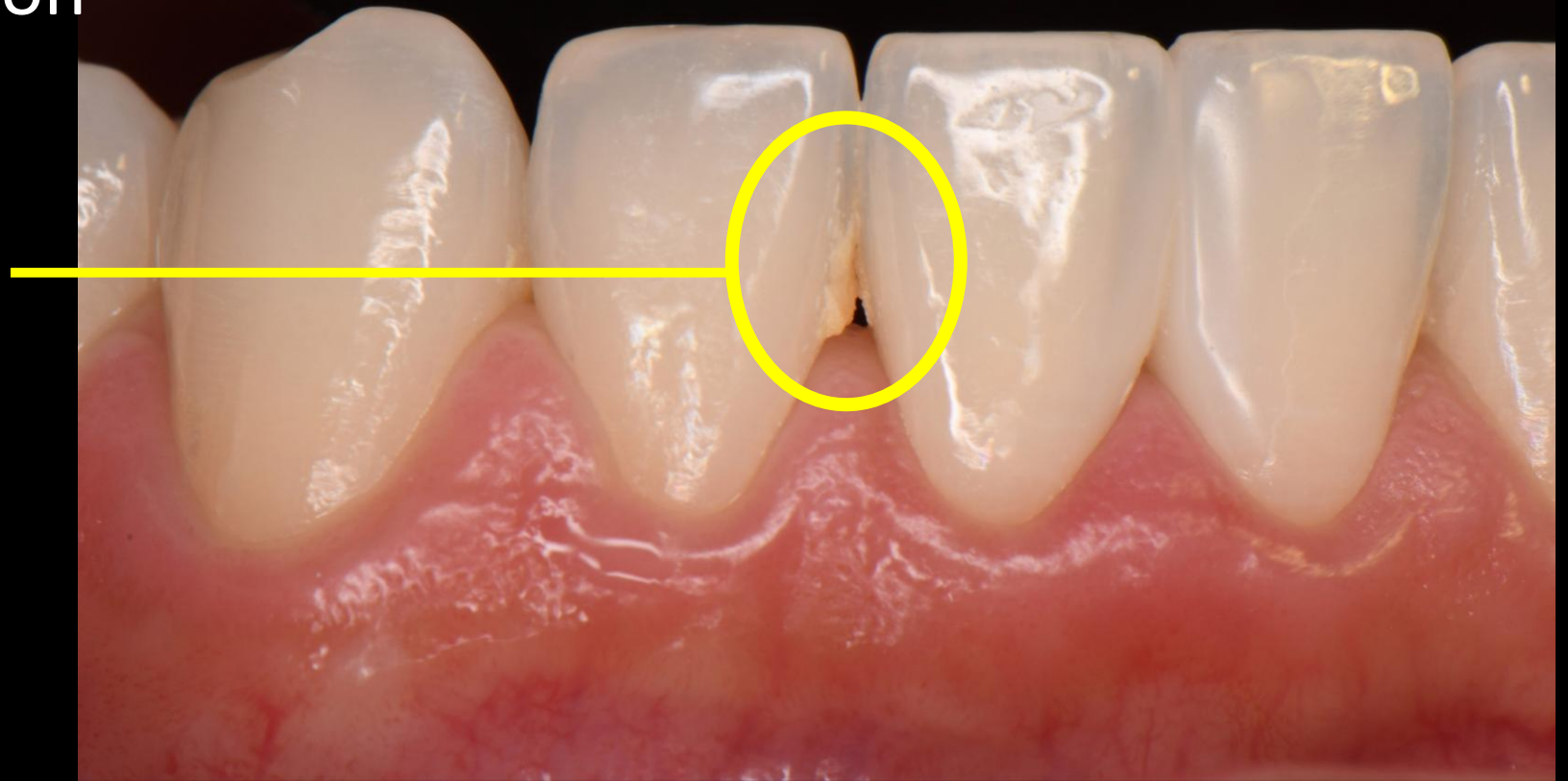


2-year follow up

➤ The new Bioclear BT matrices have a specific shape i.e. shoulder blades that deflect bacterial accumulation



unrestored



➤ The new Bioclear BT matrices have a specific shape i.e. shoulder blades that deflect bacterial accumulation



“Biocleared”



Play Time

Black Triangle Treatment:
The “gateway drug” to Bioclear
Rejuvenation treatments and
practice rejuvenation

Everybody seems to like
Invisalign

There are 50,000 certified
Invisalign providers in North
America*

*Source: Google

There are 1,500 certified
Bioclear providers in North
America*

*Source: Bioclear

Patients don't want crowns

Patients don't want root canals

Patients love Bioclear

The average fee for Invisalign is
\$3,400 - \$7,100*

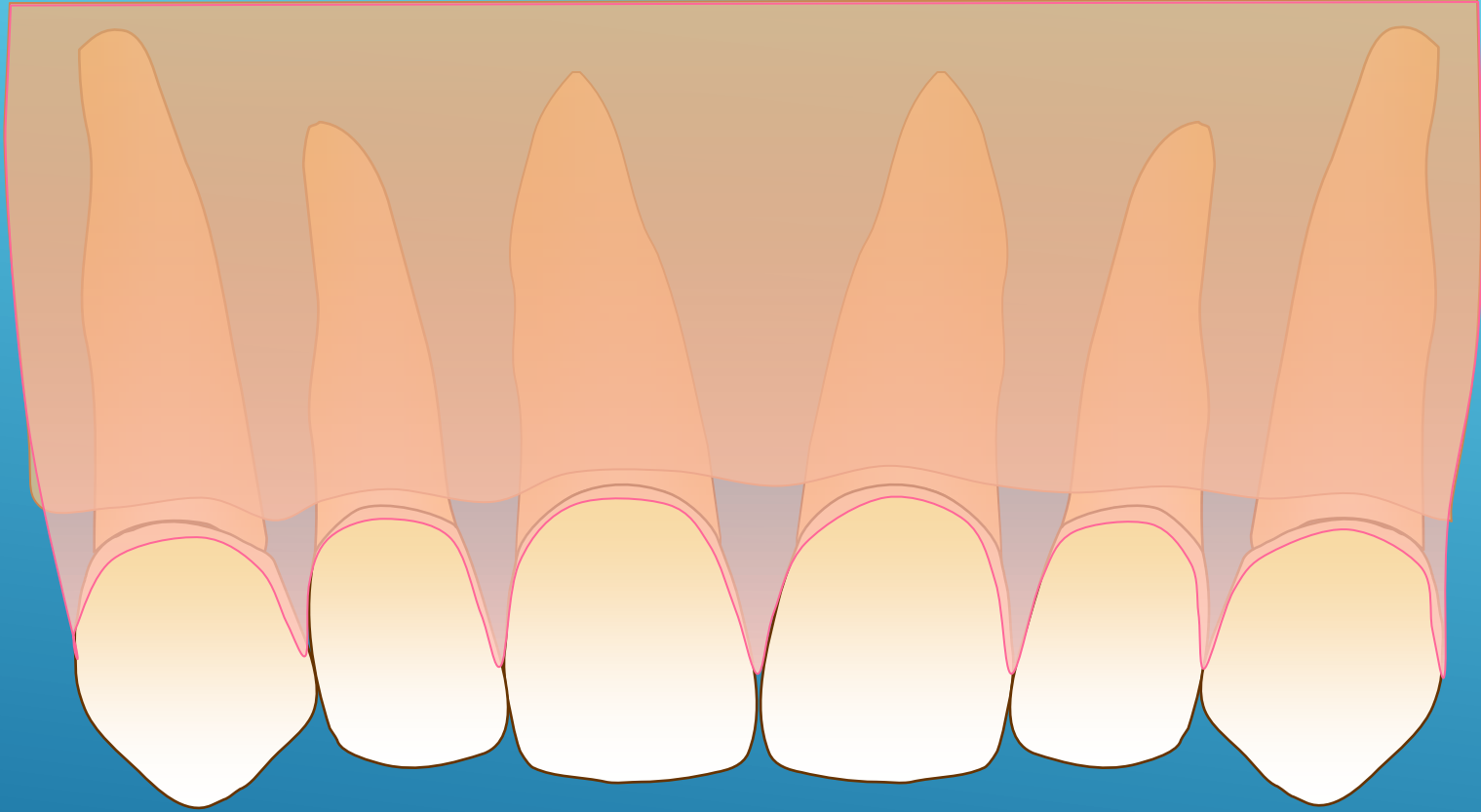
*Source: Invisalign

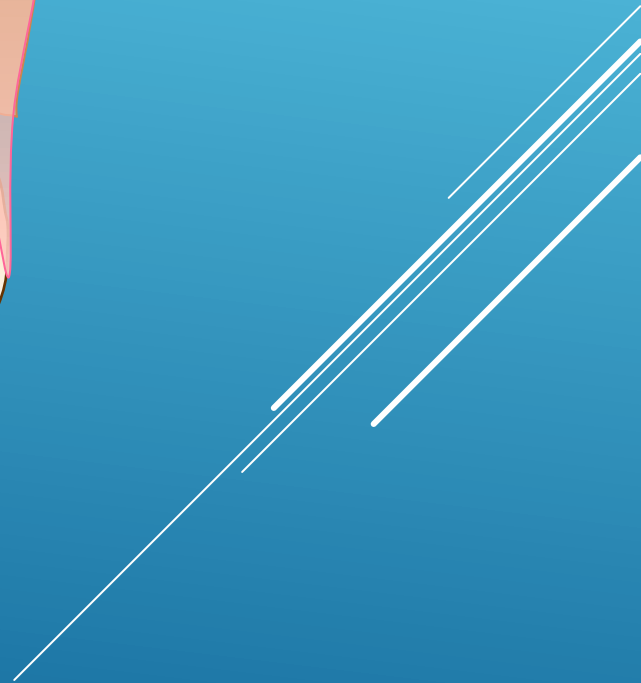
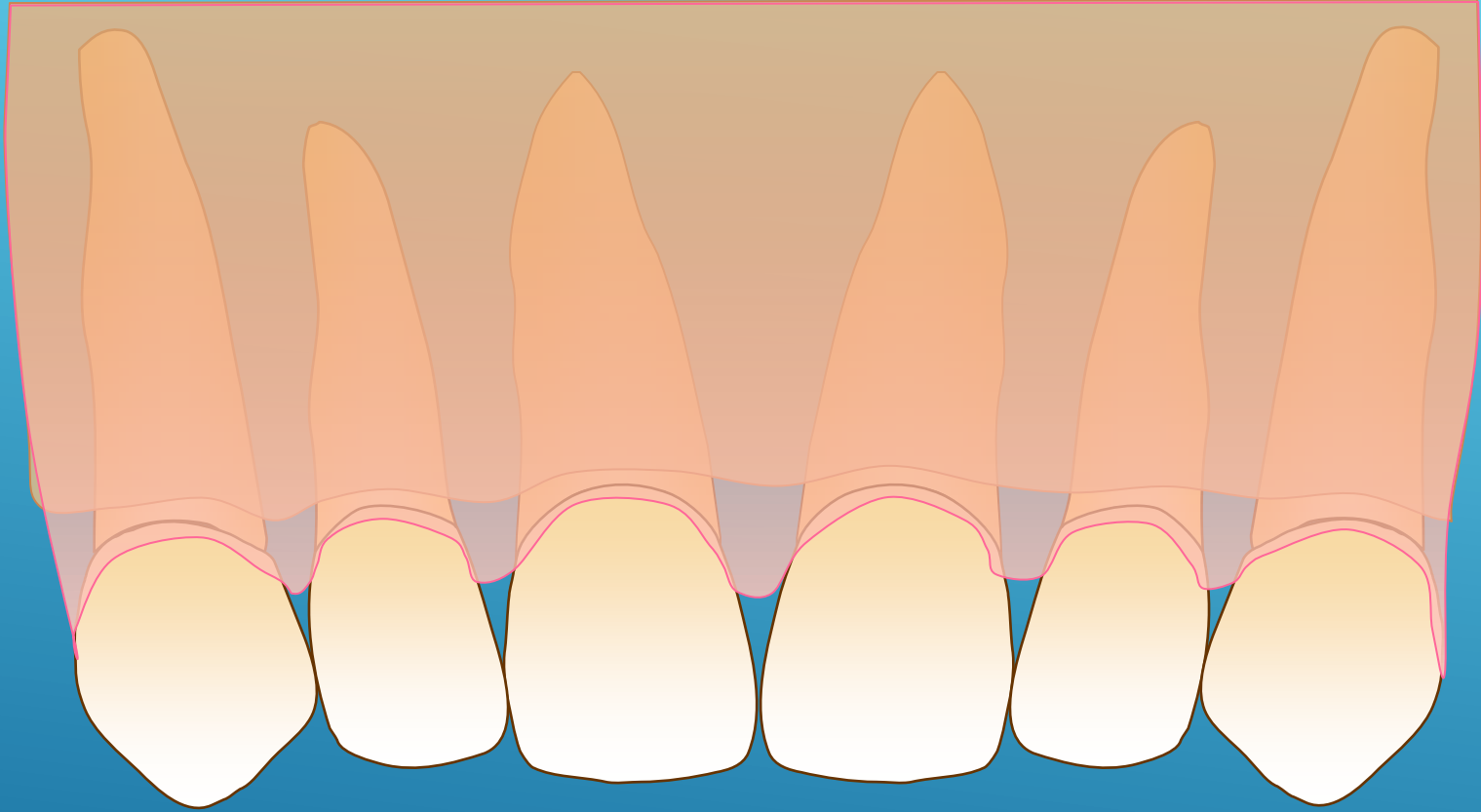
The average post-ortho Bioclear case is 3-5 Black Triangles at \$900 - \$1,200 each... plus extras... per arch

THE DREADED BLACK TRIANGLE AFTER ADULT ORTHO

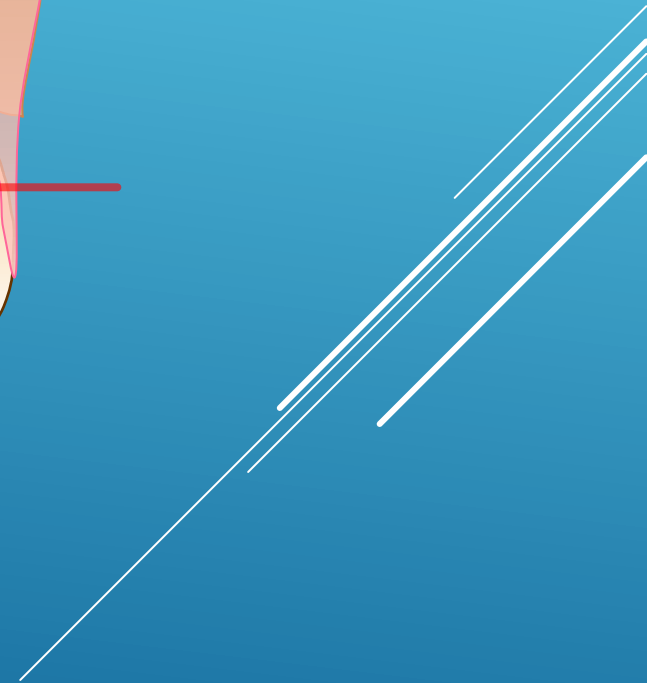
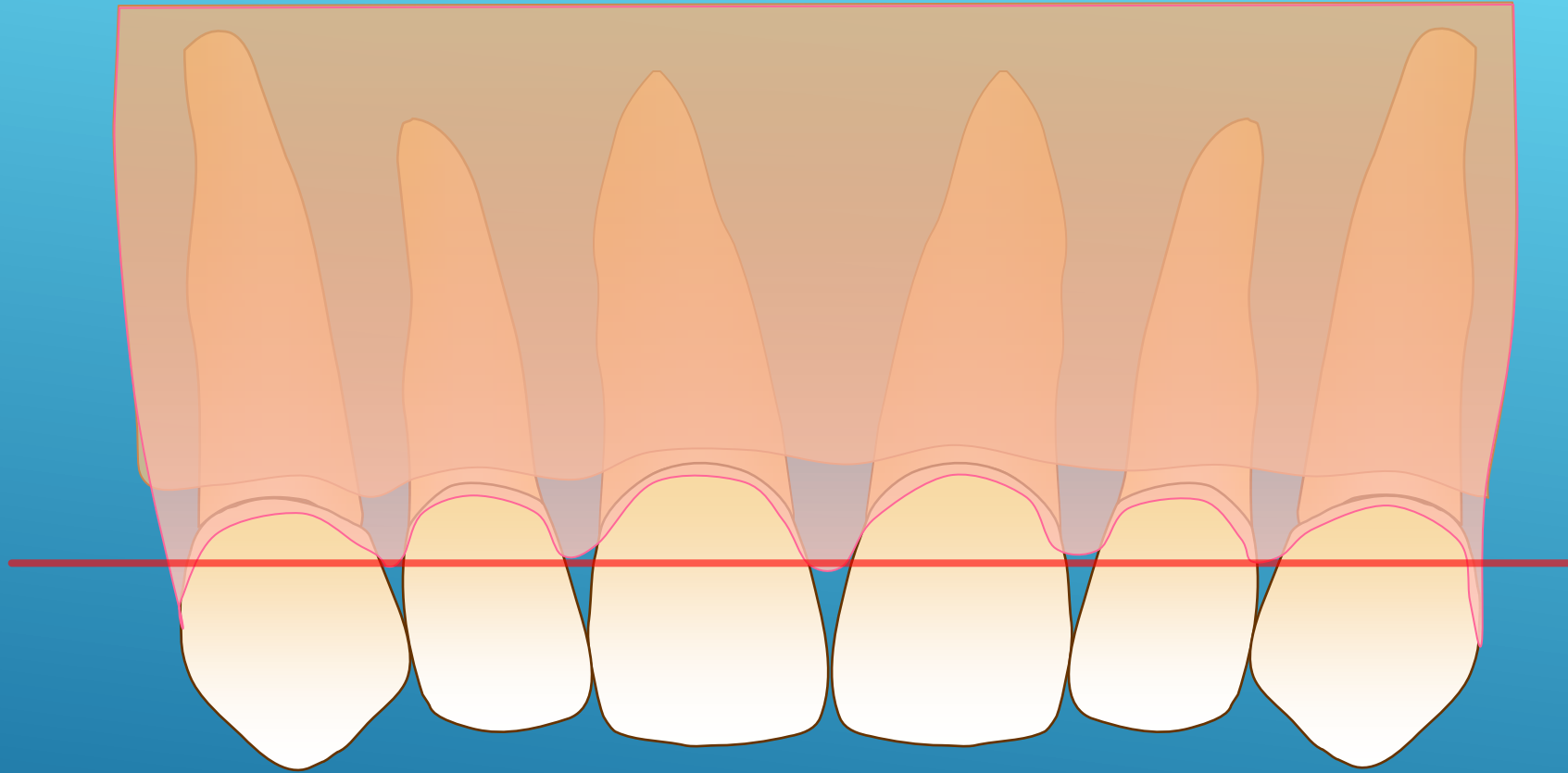
Johnsonlink Orthodontics

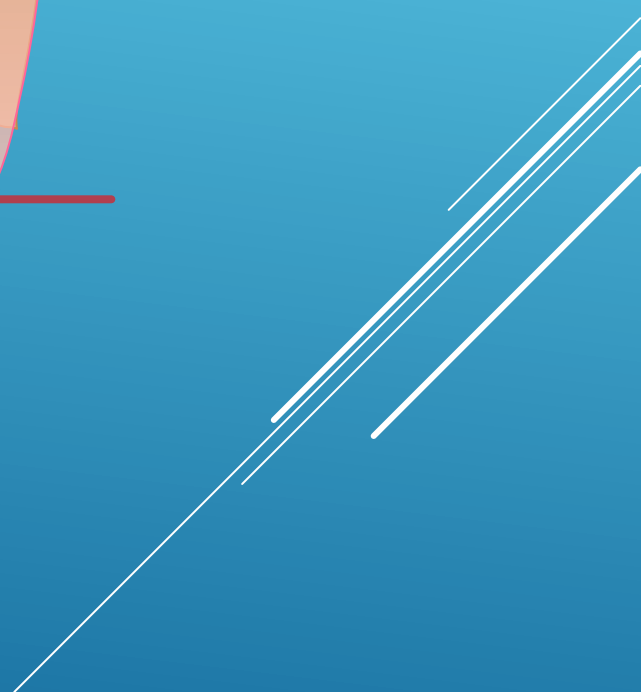
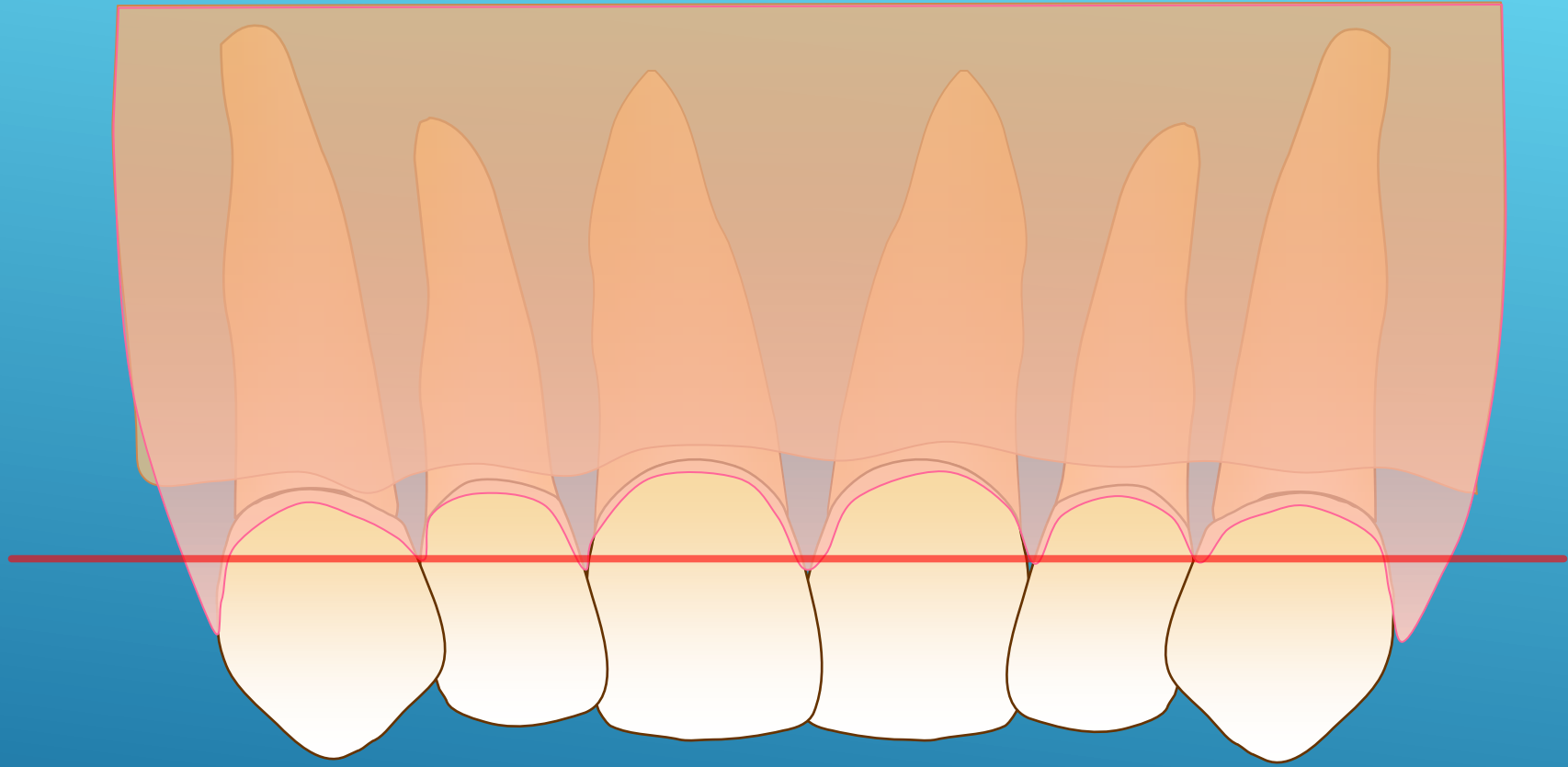
A series of several parallel white lines of varying thicknesses, slanted diagonally from the bottom left towards the top right, set against a blue gradient background.





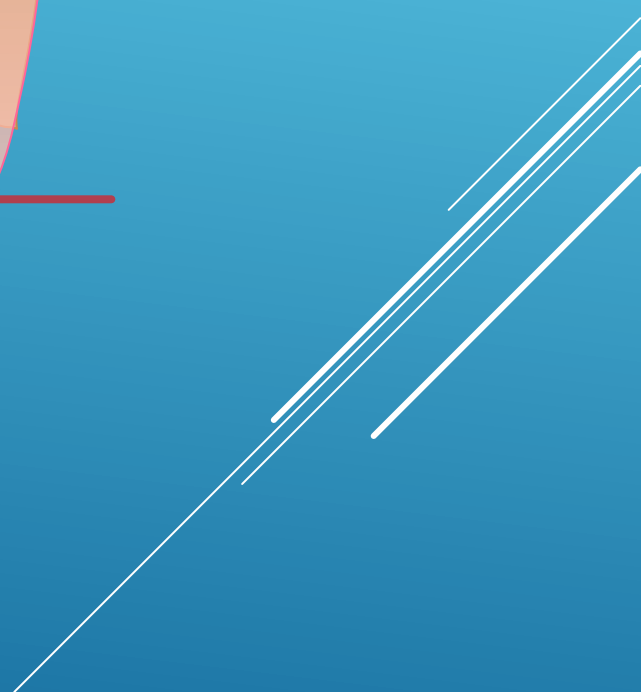
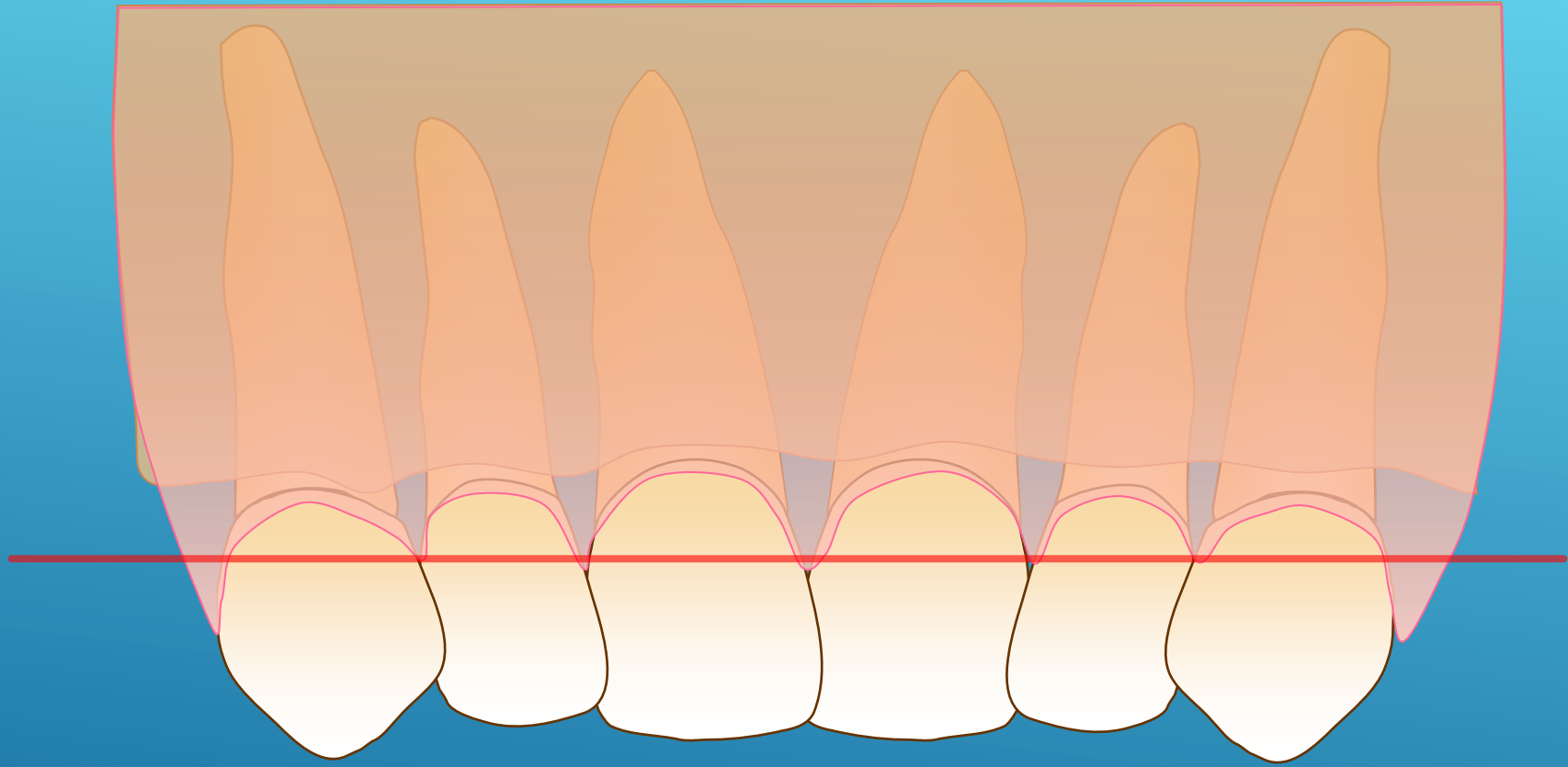


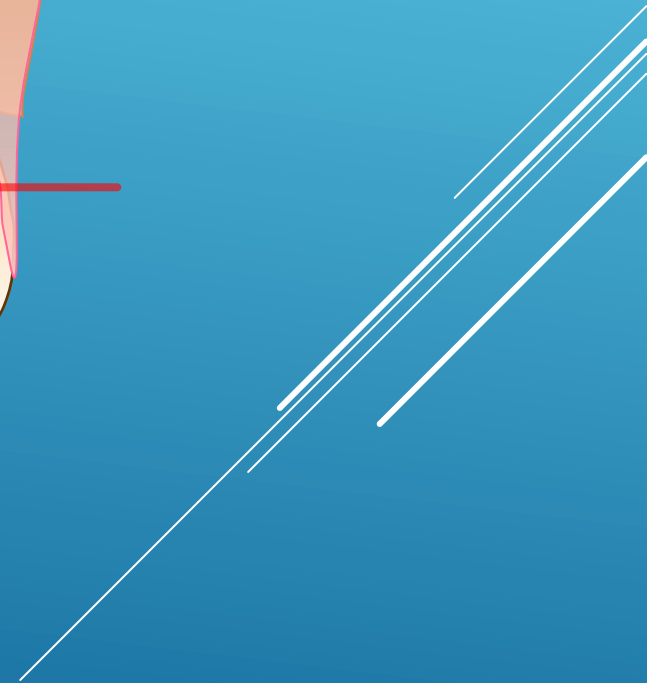
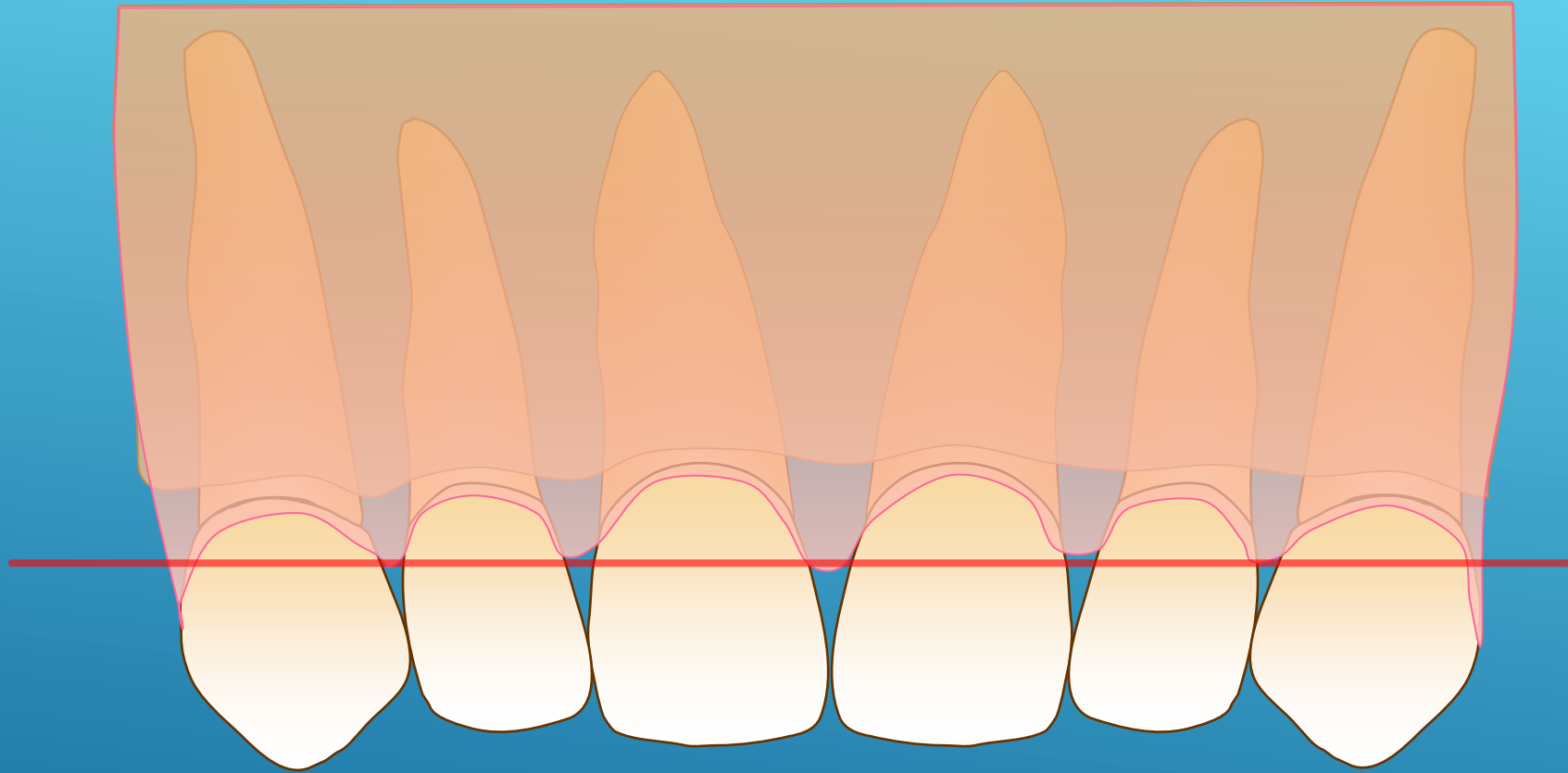


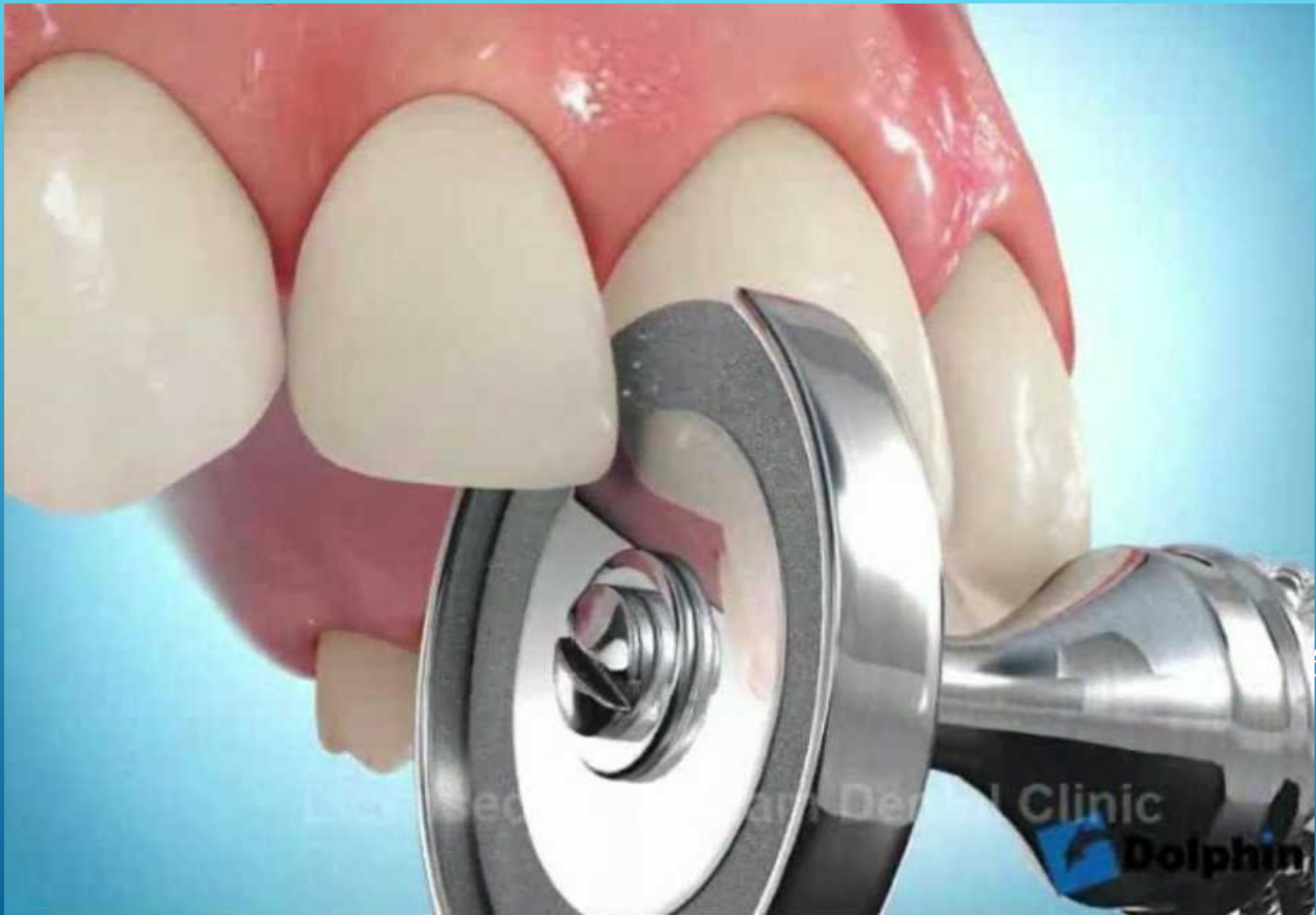


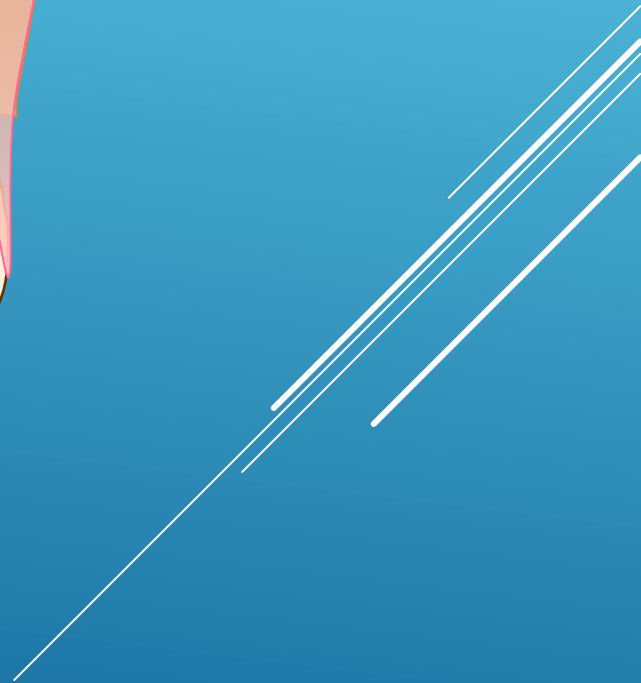
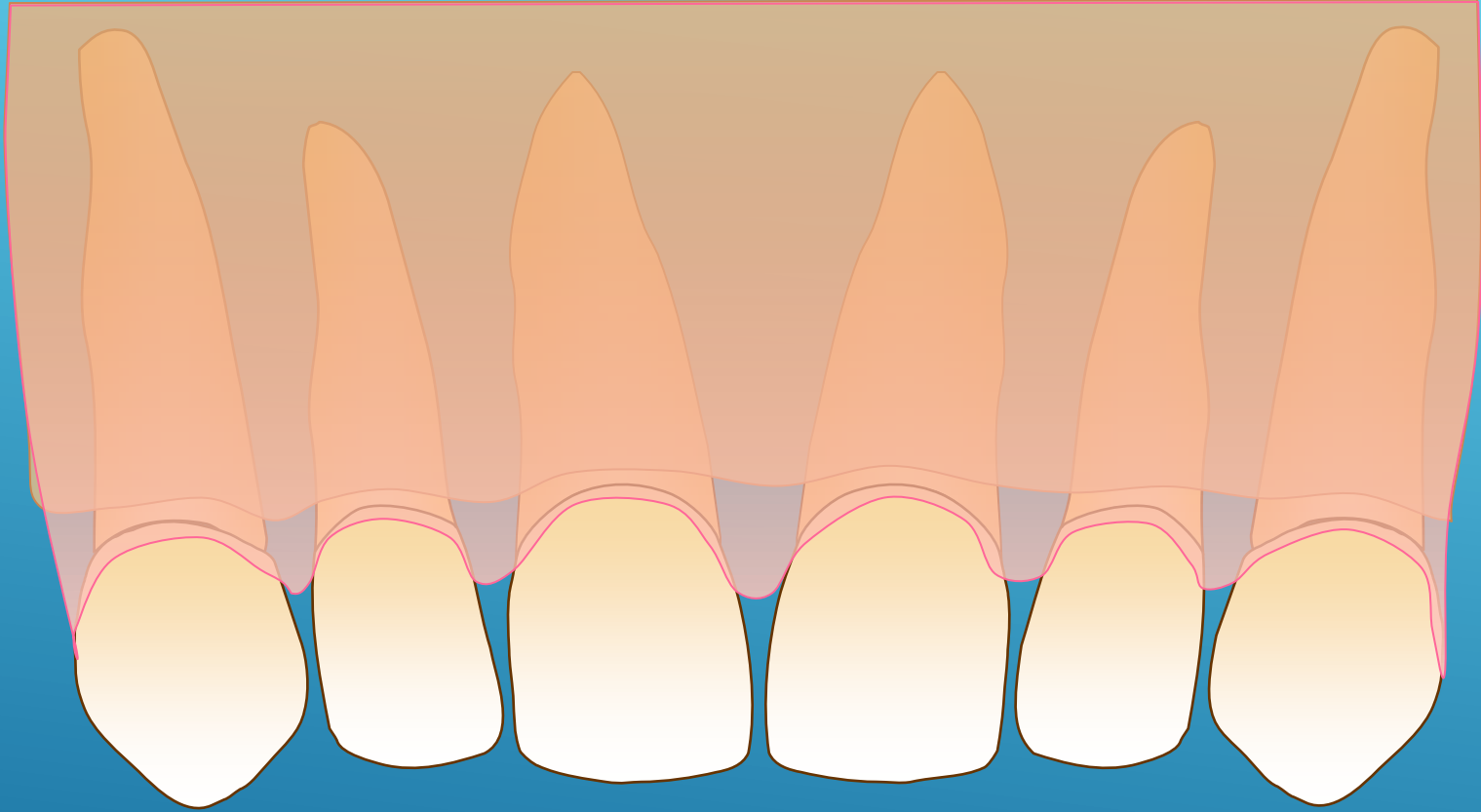


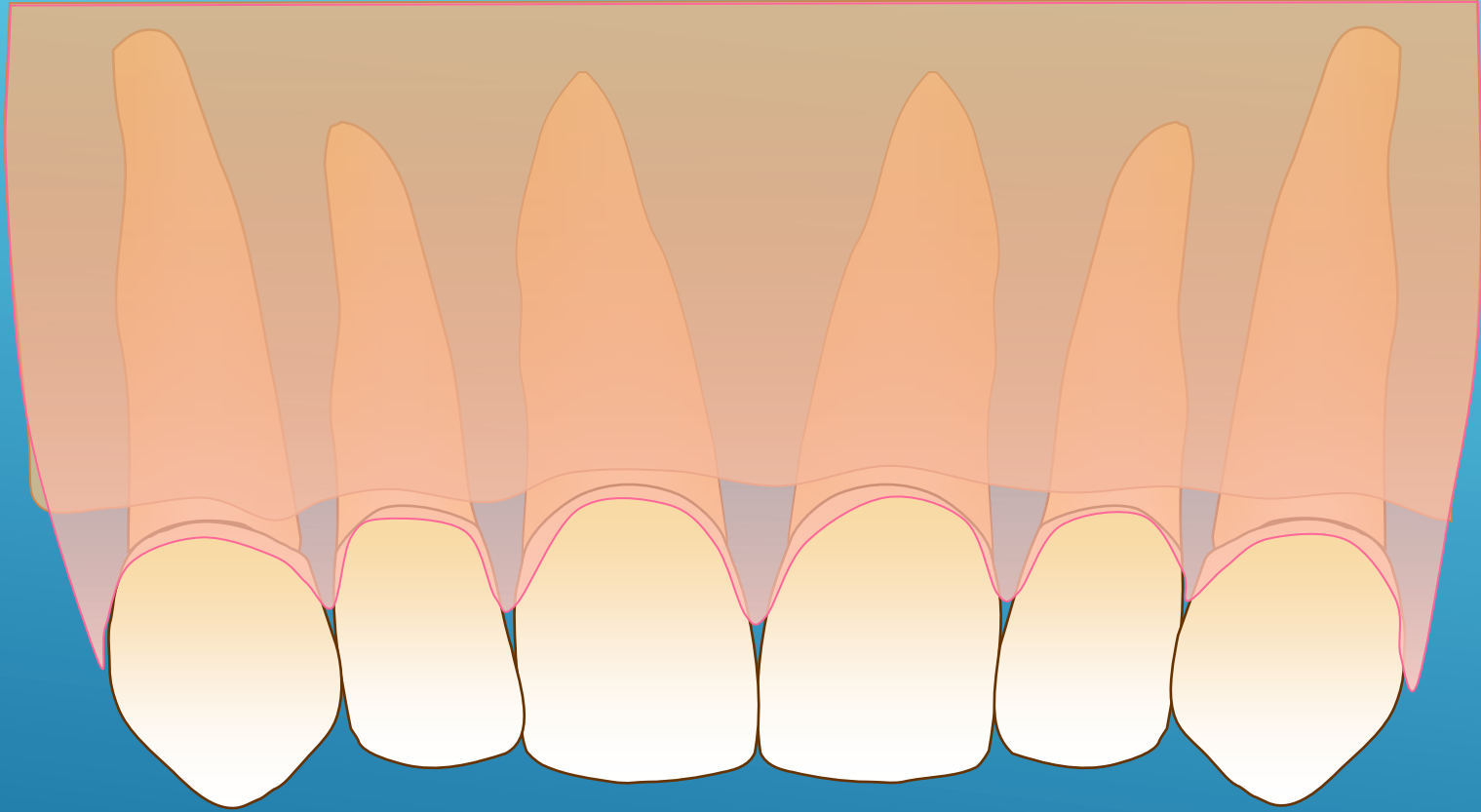


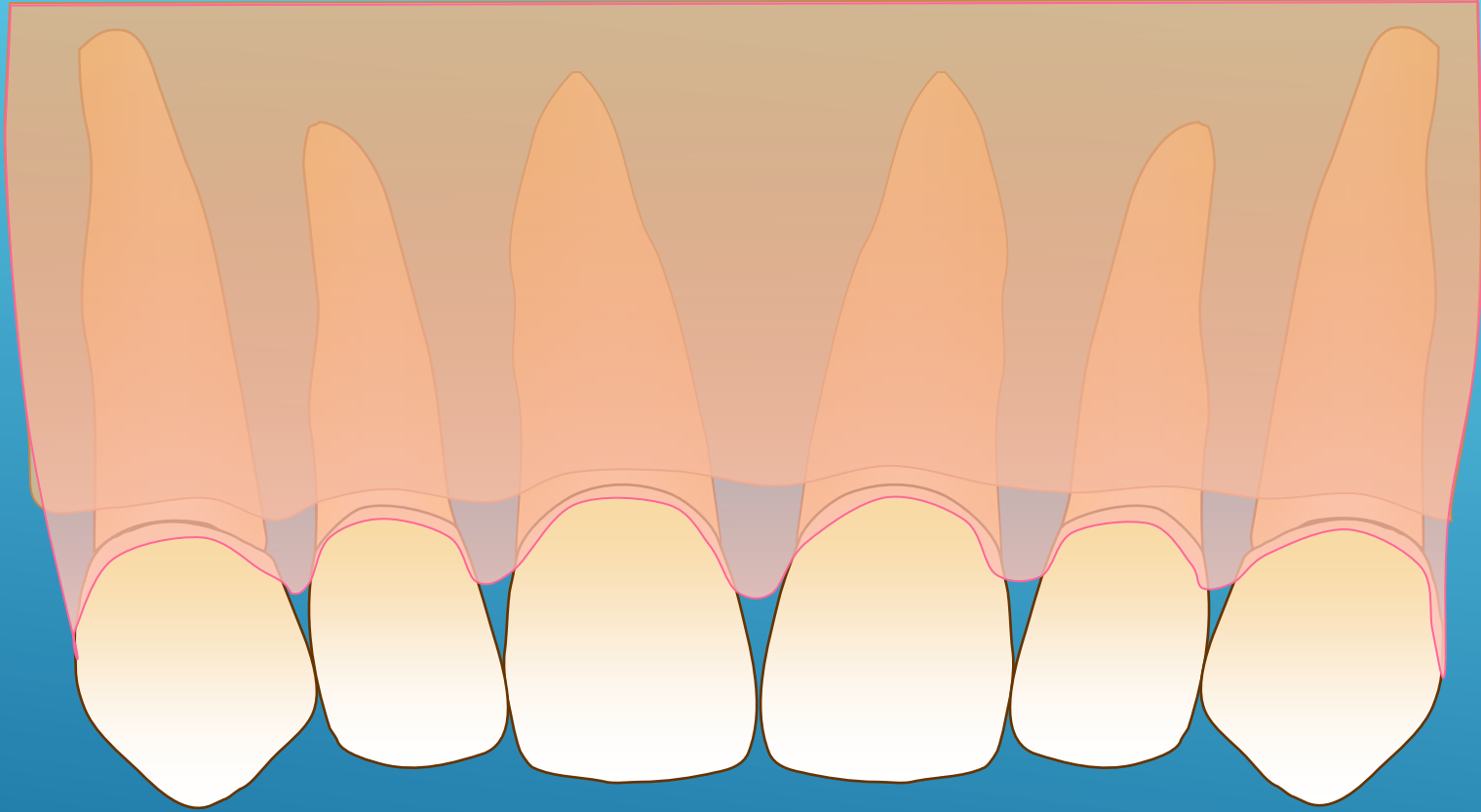


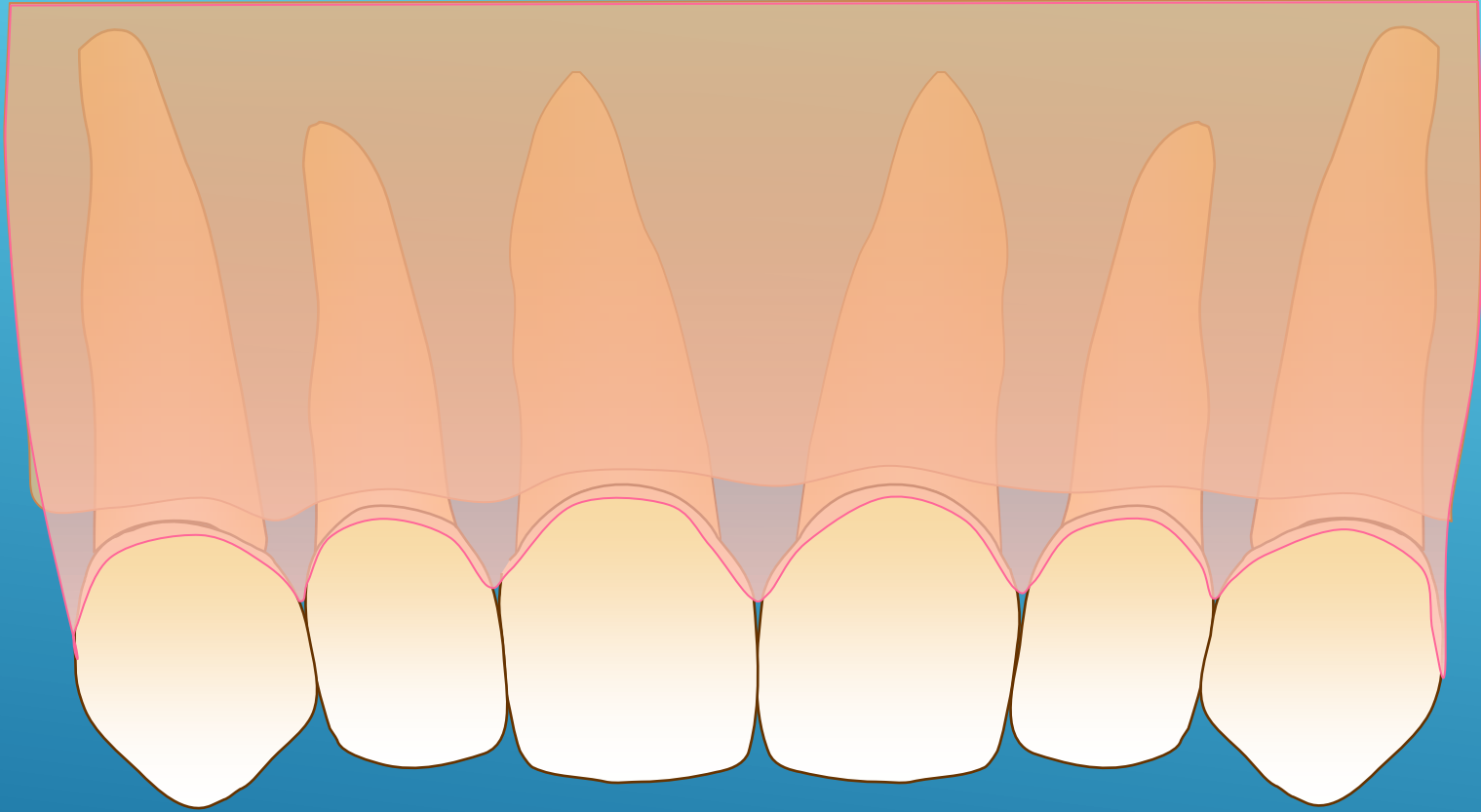












Simple Black Triangle Treatment





Bioclear Learning Center Faculty



Dr. David Clark
Founder & Full Faculty



Dr. Charles Regalado
Full Faculty



Dr. Claire Burgess
Full Faculty



Dr. Dominic Hassall
Full Faculty



Dr. Joshua Solomon
Adjunct Faculty



Dr. Abdelrahman Tawfik
Full Faculty



Dr. Johan Hagman
Full Faculty



Dr. John Khademi
Adjunct Faculty



Dr. Mark Konings
Adjunct Faculty



Dr. David Carroll
Adjunct Faculty

Extreme BT Case



Courtesy Dr. Charles Regalado

Whoa



Courtesy Dr. Charles Regalado

Referred by to Dr. Regalado by his periodontist





Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado







Courtesy Dr. Charles Regalado





Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado

Annie

Severe Black Triangle Case
Charles Regalado DDS

2-year follow-up



Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado

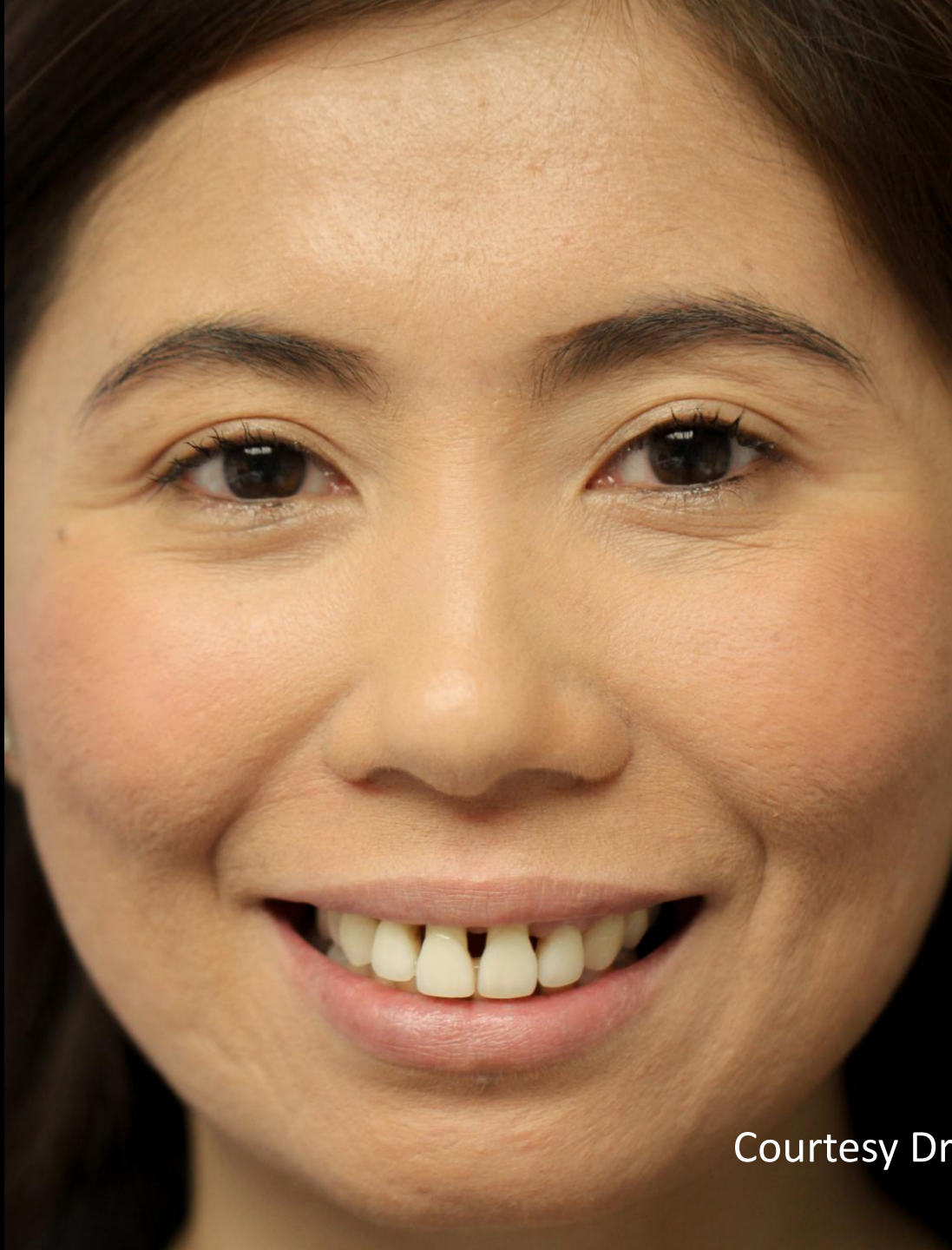


Courtesy Dr. Charles Regalado



Courtesy Dr. Charles Regalado





Courtesy Dr. Charles Regalado



Dr. Michael Scott
Lubbock, TX

Before



After



Dr. J. Yun



Dr. John Yun
Toronto, ON



Dr. David Carroll,
Prosthodontist,
Aventura FL





Dr. Scott Kollen
Vancouver, BC



Dr. Scott Kollen
DMD





HEAT SYNC

by BIOCLEAR

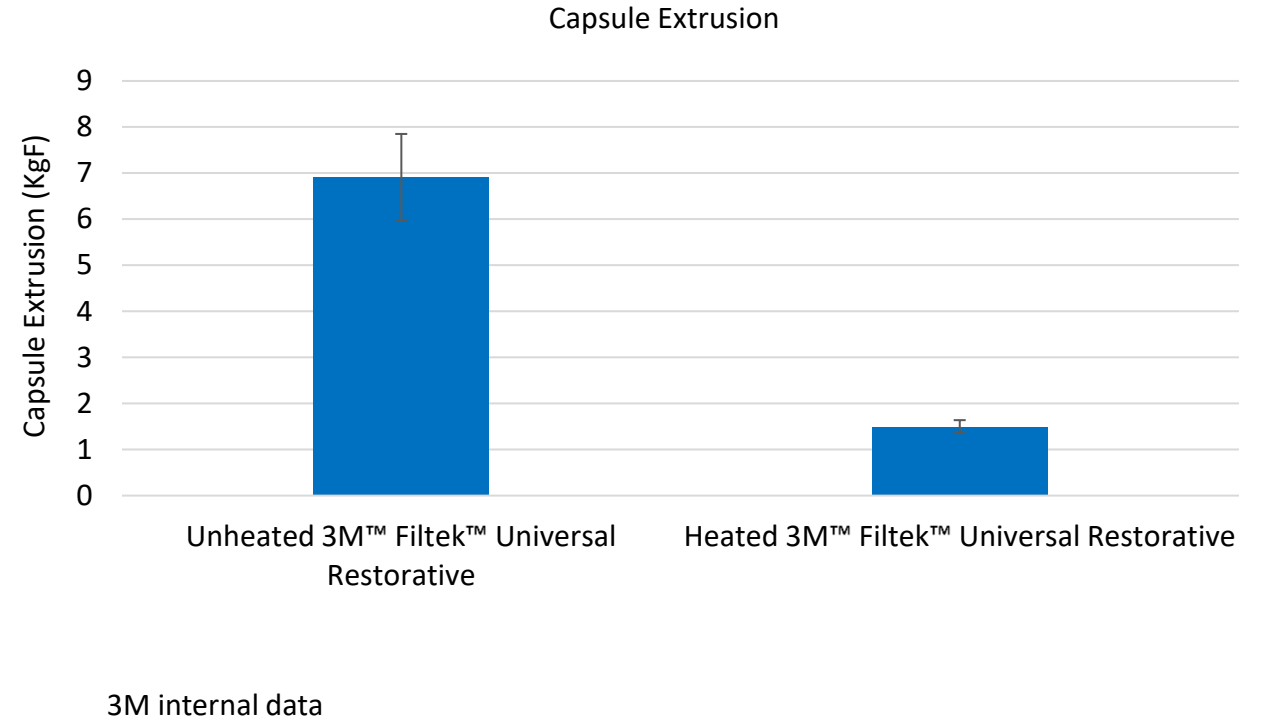


Composite Heater pre-set
to 155° F

Composite warming

Why warm?

- Handling preference
- Lowers capsule extrusion force by 75-80%

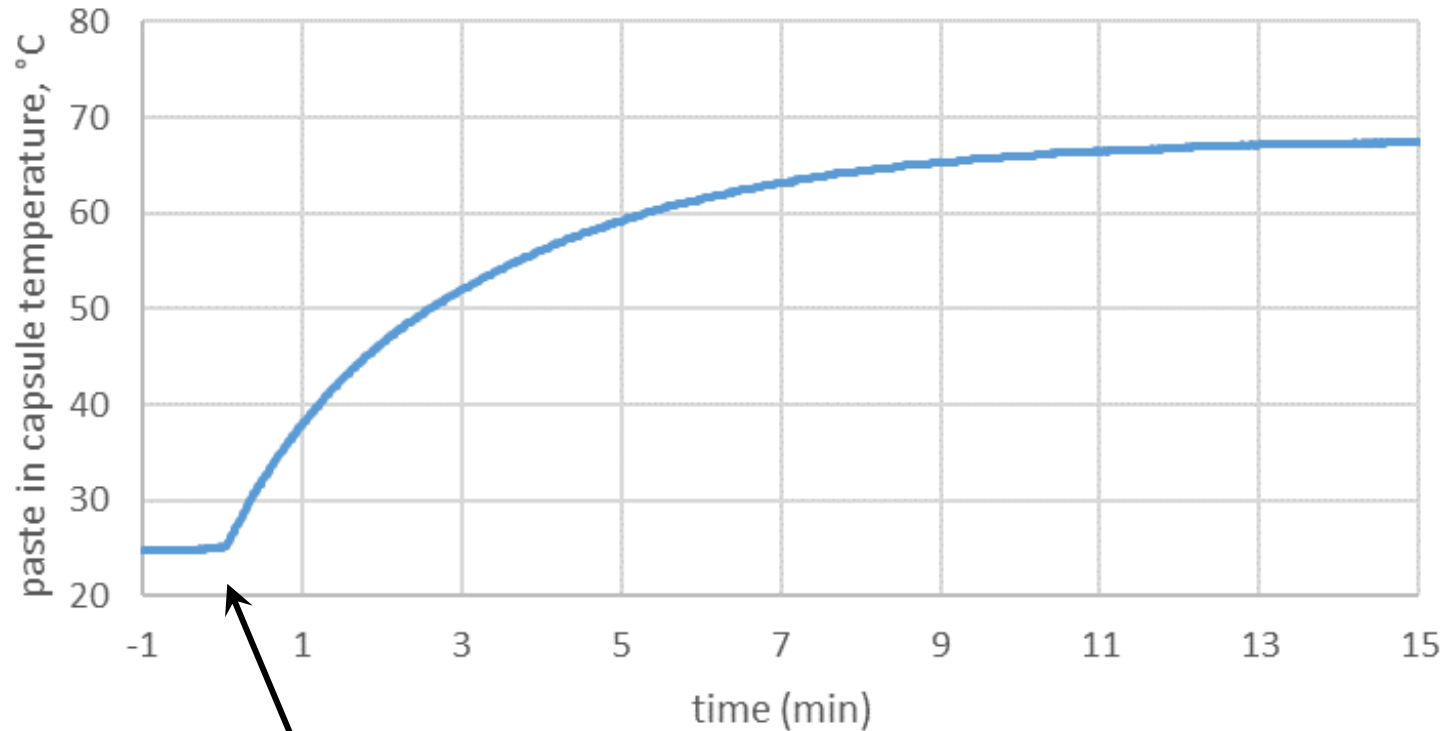


14% of dentists survey stated they use some type of device to warm their composite prior to placement.

3M Market Research, January, 2018 N=304 Dentists (US, Russia, UK, Brazil, Germany)

Warming

Warming of Capsules in BioClear HeatSync



Capsule placed in heater

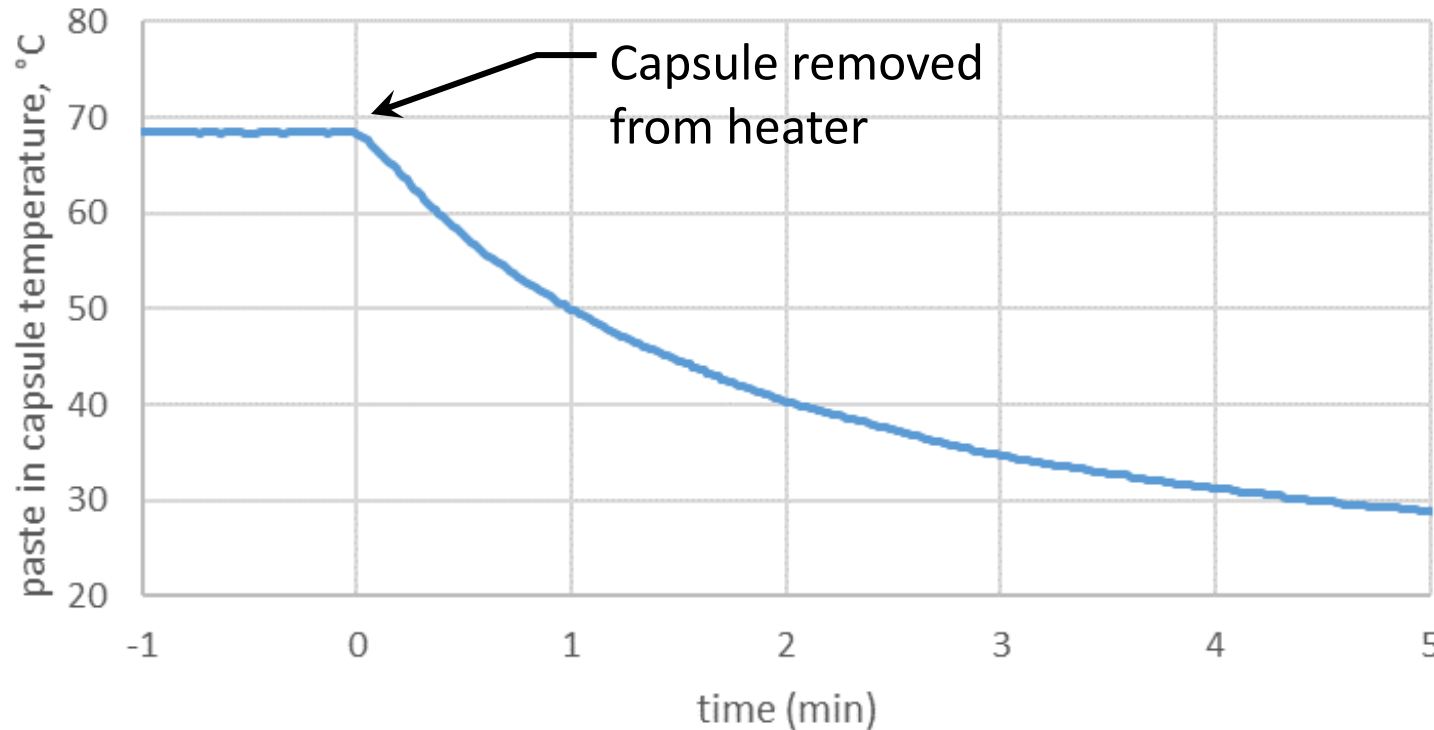
us346227.01-083a & b

- Warming started at $t = 0$ min
- Paste in capsule's temp rises to 66°C after 10 min (HeatSync IFU's recommended time in warmer)
- Max temperature obtained is 68.4°C



Cooling after removal

Cooling of Capsules in BioClear HeatSync



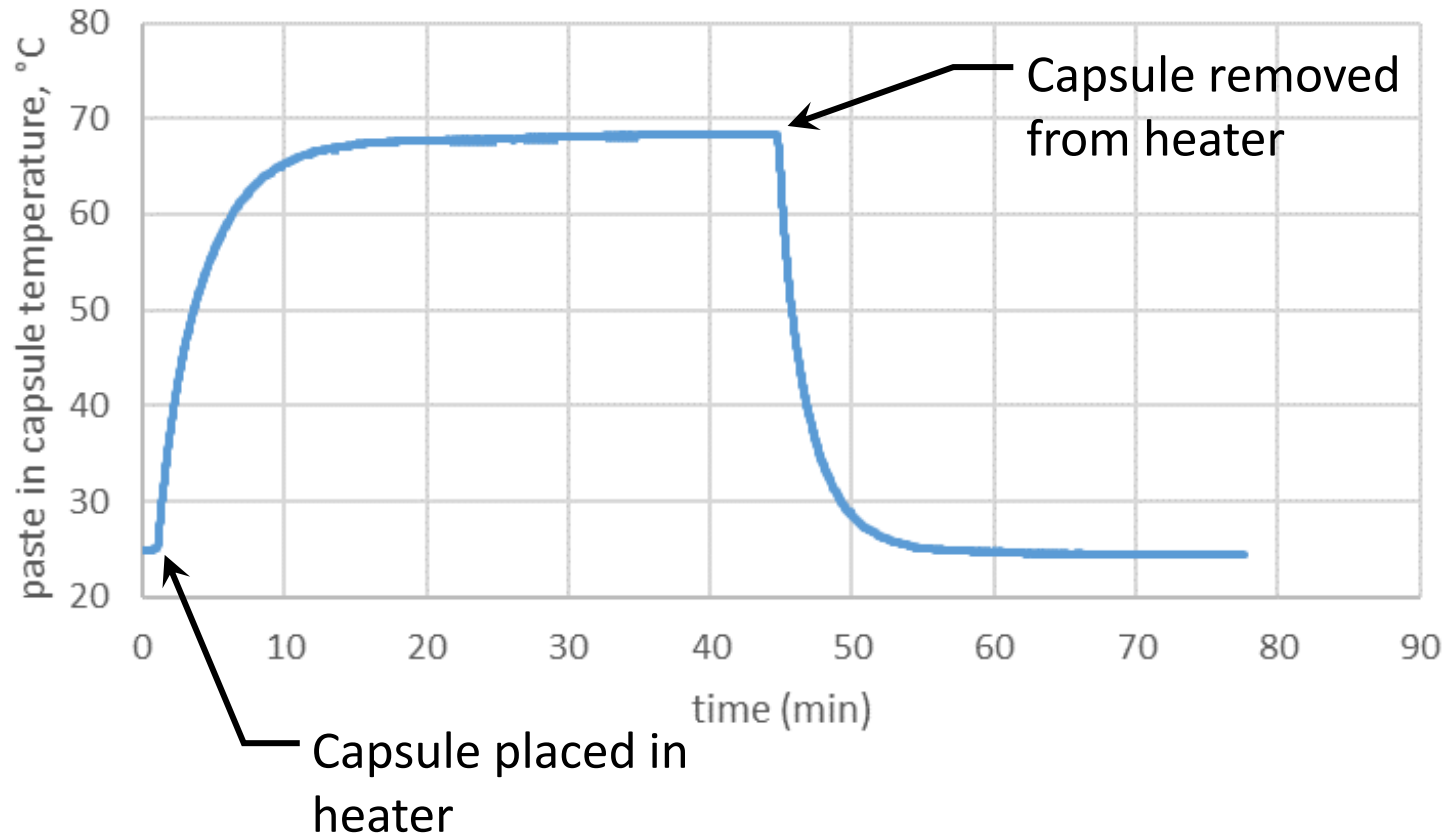
- Cooling started at $t = 0$ min
- Capsule & capsule gun removed, placed on block to elevate capsule above bench so good airflow around capsule maintained
- Temperature of paste in capsule:
 - 66.8°C after 5 sec
 - 65.0°C after 10 sec
 - 49.9°C after 1 min
 - 40.3°C after 2 min
 - 37.0°C after 2:34

us346227.01-083a & b



Overall

Warming & Cooling of Capsules in BioClear HeatSync



- Overall experiment
- Piston removed from capsule
- Thermocouple inserted into paste in capsule
- Capsule placed in capsule gun
- Capsule & gun placed in heater at $t = 0$ min
- Capsule & gun removed from heater at $t = 45$ min
- Allowed to cool in room temperature air

Play Time!



BIOCLEAR

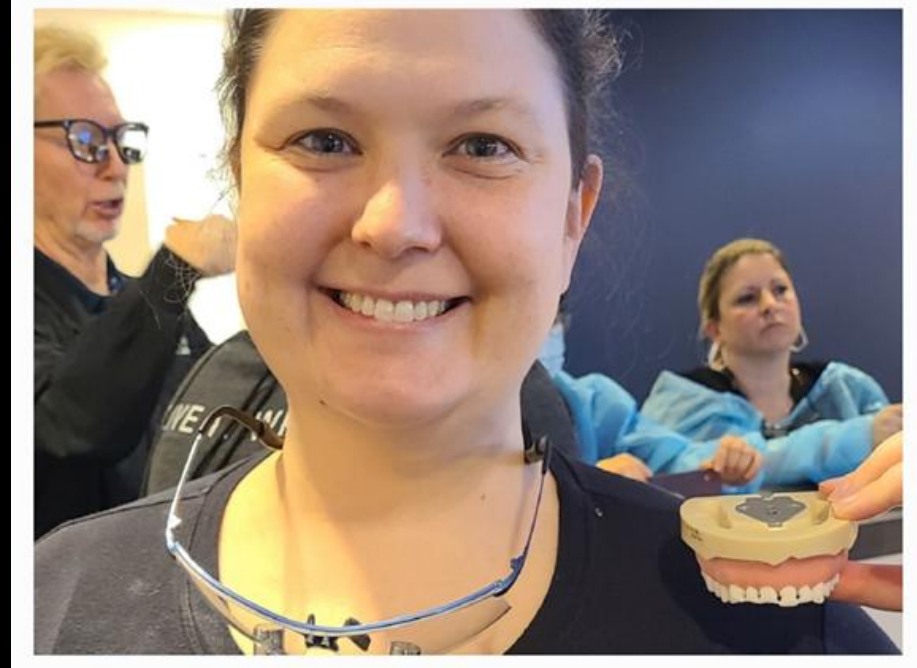
LEARNING CENTER

Tacoma USA · Solihull UK
Varberg Sweden · Cairo Egypt
Syracuse Italy









Last week's attendees at the certification course

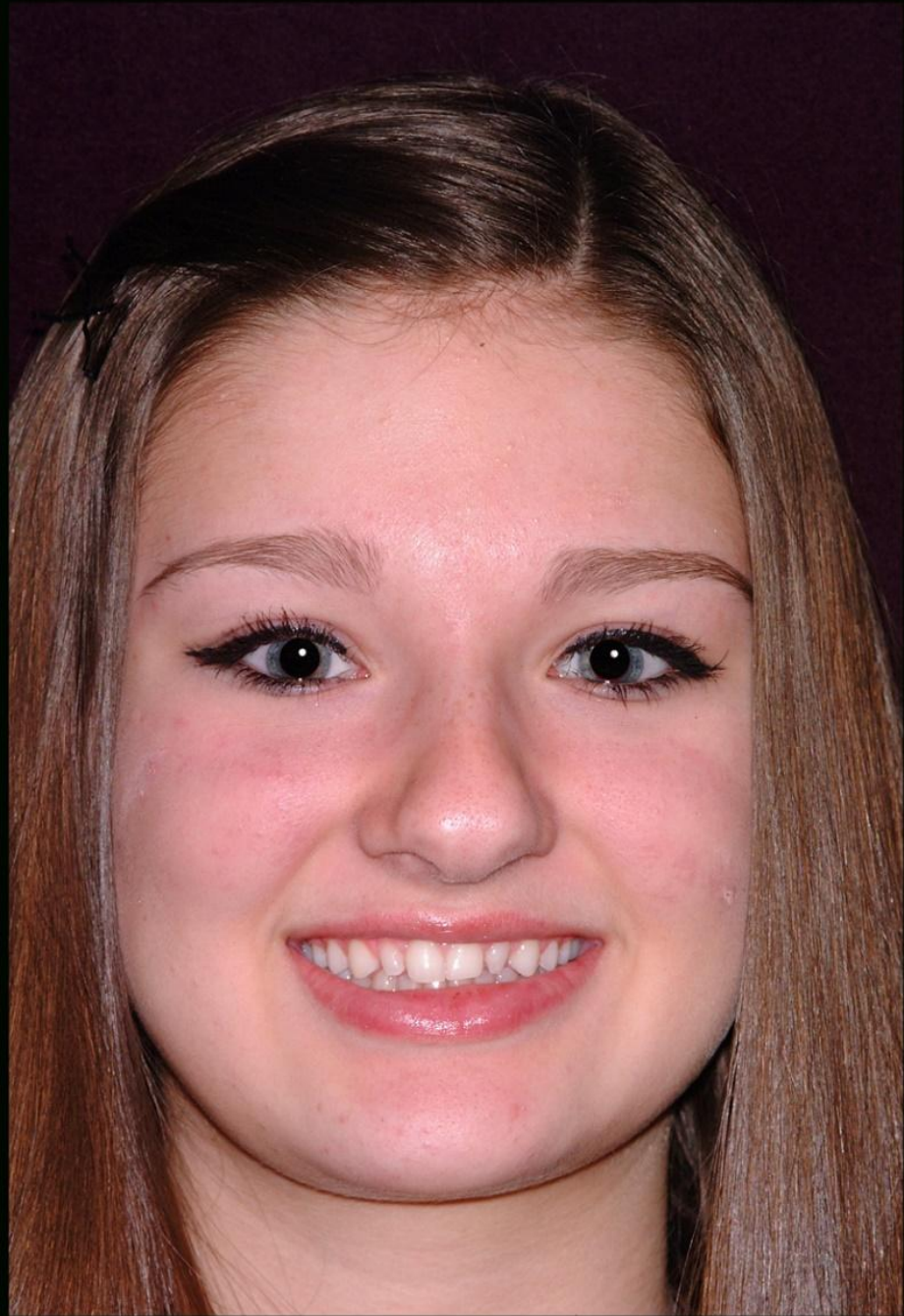




Finishing Your Invisalign Cases with Bioclear

- The Direct Contact Strut
- Root Overlays
- Creating A Bioclear Centered Practice
- How much should I charge for Bioclear?
- Opening the VDO with Bioclear
- Opening the VDO with Bioclear plus Dahl
- Rapid shaping and Rock Star Polish
- Just come to the Bioclear Learning Center already.

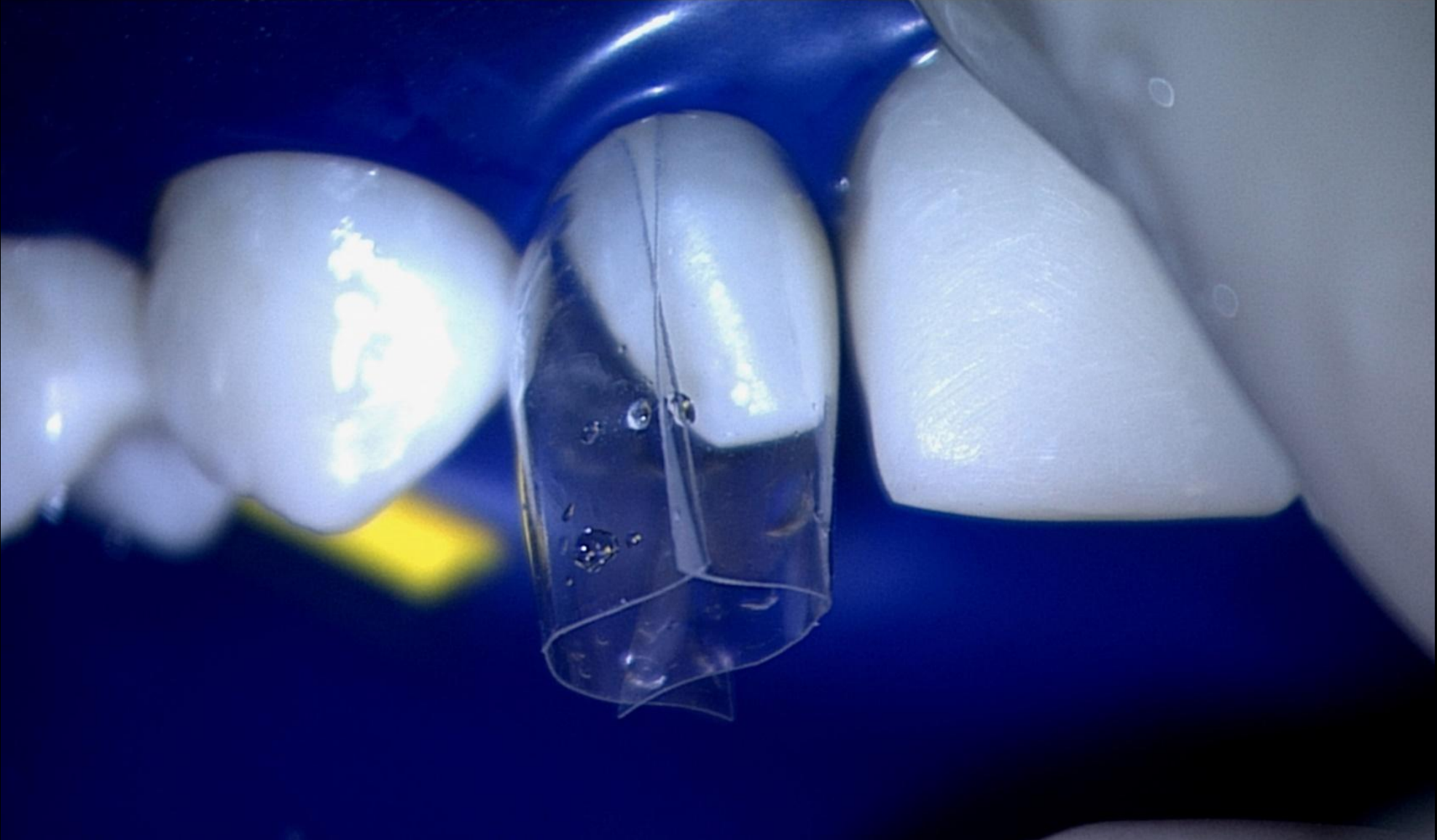
There is a lot more to
Bioclear than just
Black Triangles

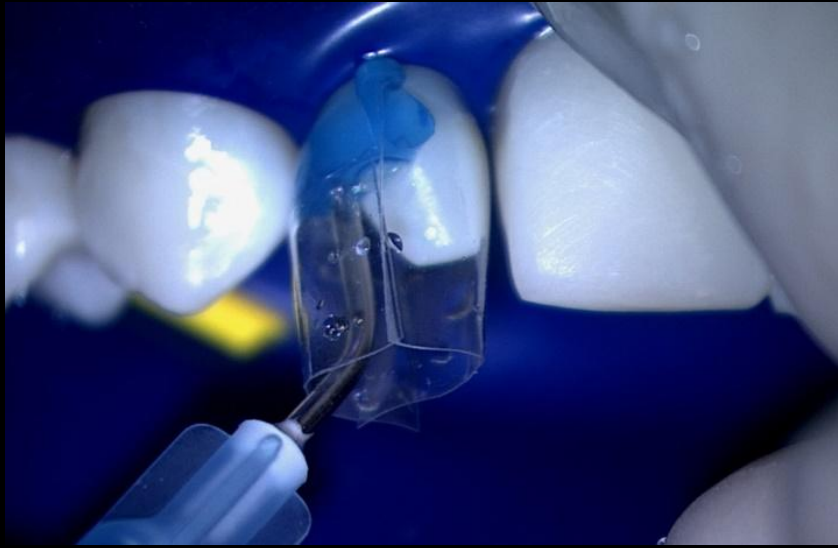




















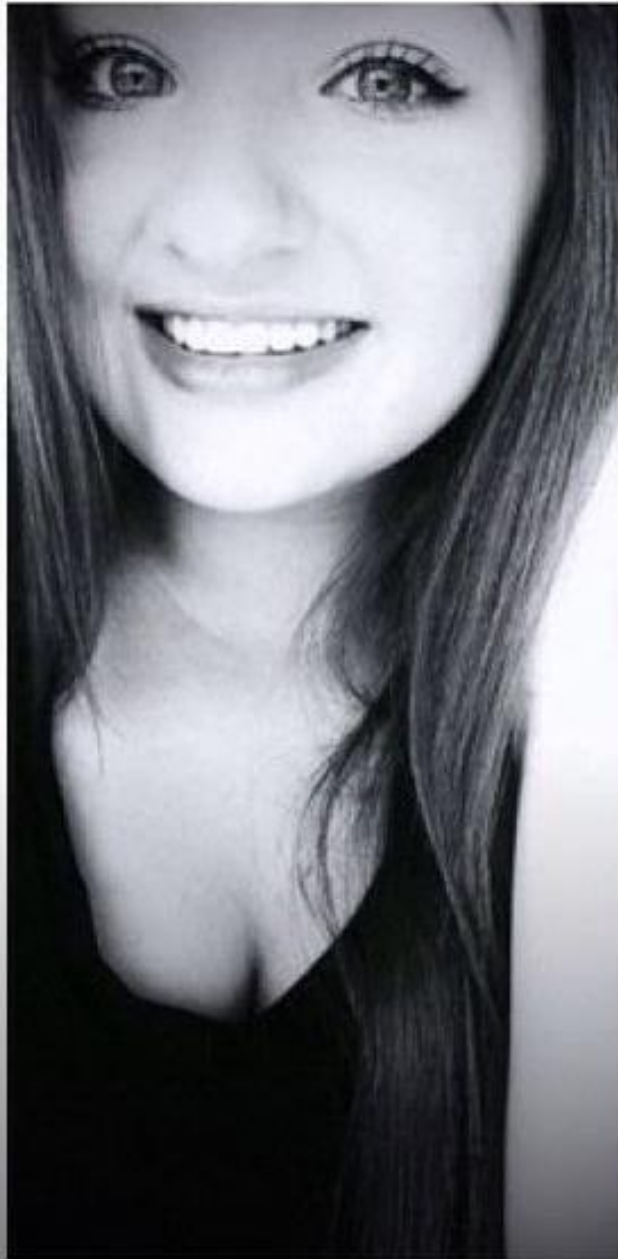








3 year
follow up



7 year follow up



11 year follow up



There is a lot more to
Bioclear than just
Black Triangles

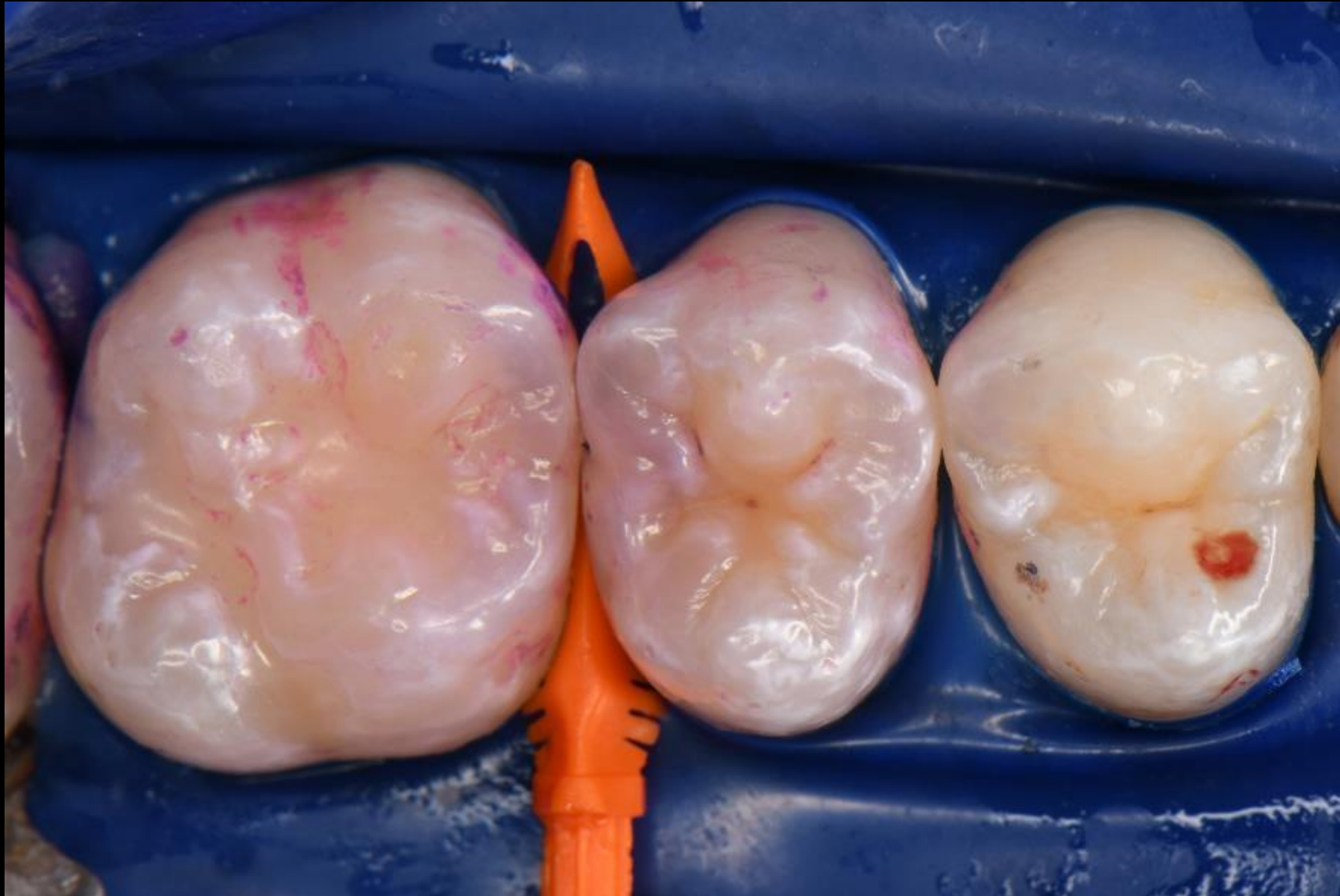
Pre-Operative Bitewing

∞ BIOCLEAR



Disclose and Pre-Wedge

∞ BIOCLEAR



Initial Preparation And Pre-wedge

∞ BIOCLEAR



Finished and Blasted Preparation

∞ BIOCLEAR



Matrix Height Indicator Go/No Go Gauge

∞ BIOCLEAR



3D Anatomic Evolve Premolar Matrix

∞ BIOCLEAR



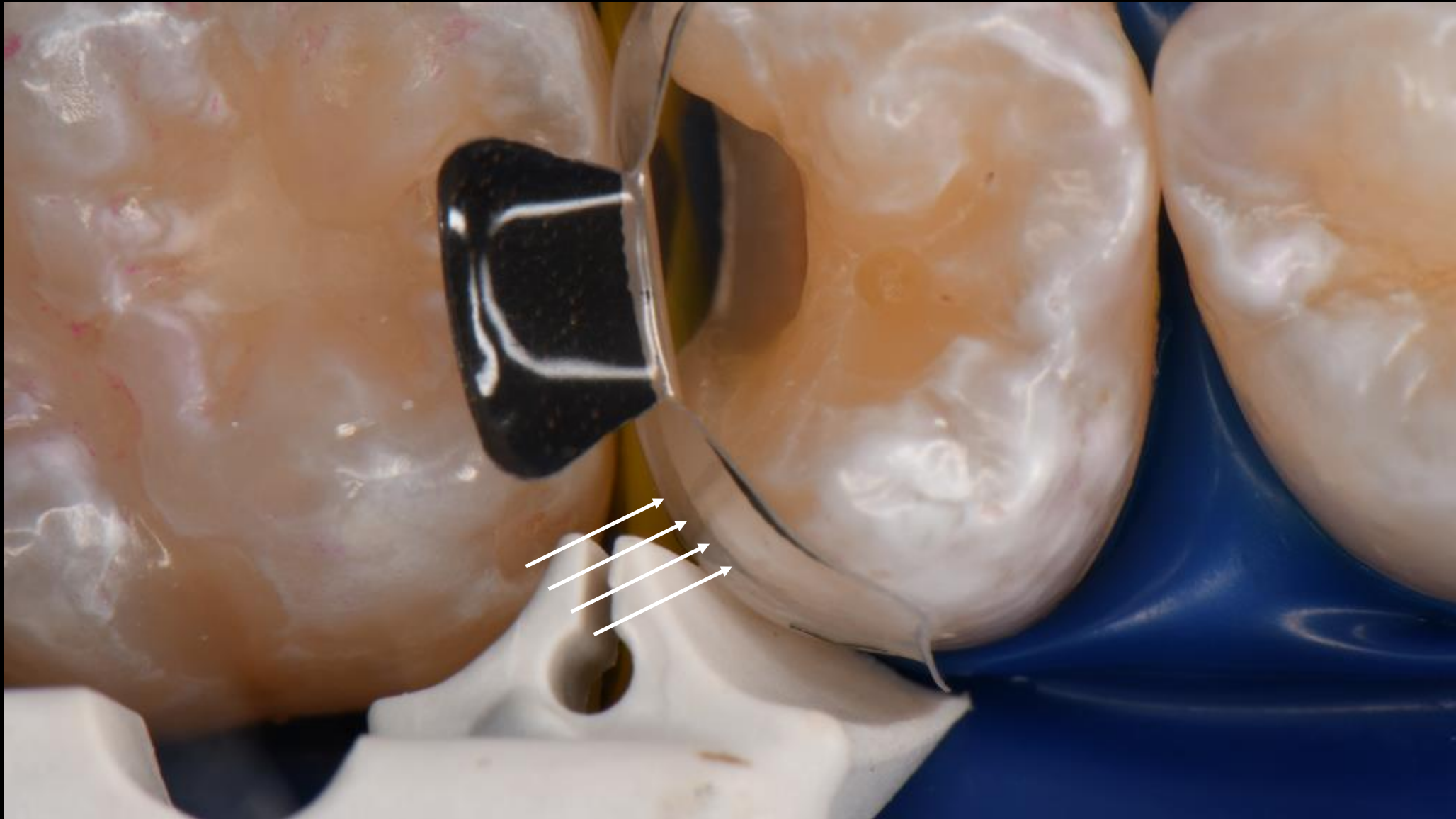
Evolve Matrix, Large Diamond Wedge, TwinRing Universal

∞ BIOCLEAR



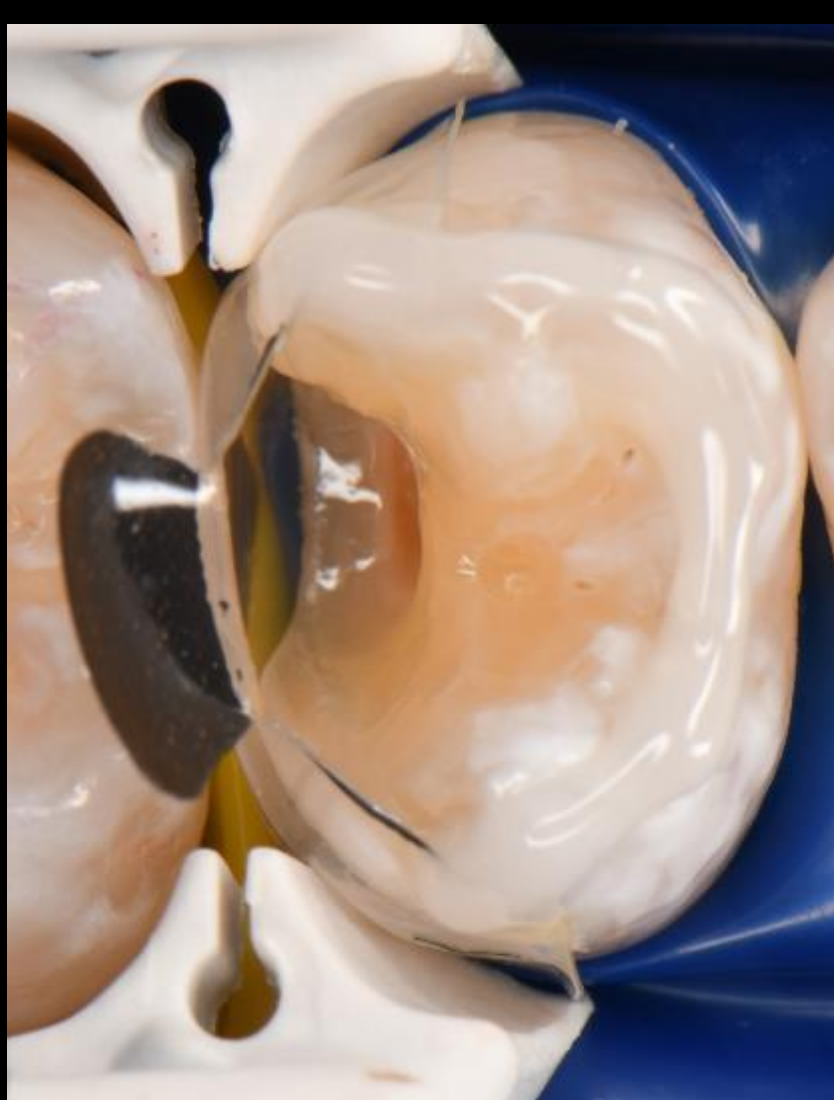
Note the Infinity Edge Zone Allowed by the System

∞ BIOCLEAR



Spot Weld, Push Pull

∞ BIOCLEAR



Cutback, Disk, Magic Mix, R.S.P.

∞ BIOCLEAR



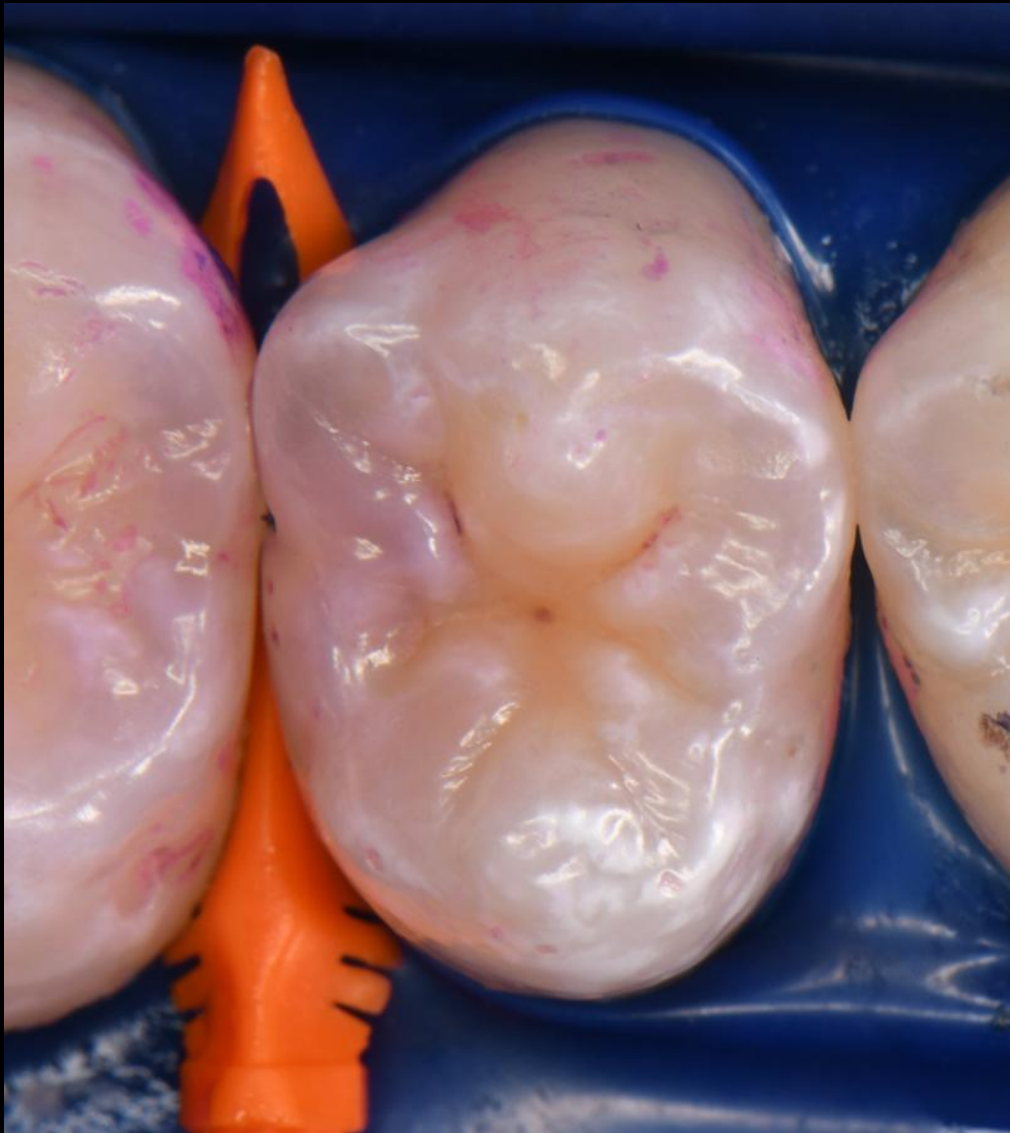
Completed Class II using the Bioclear Method

∞ BIOCLEAR



Infinity Margins with 70/30 Enamel to Dentin Ratio

∞ BIOCLEAR



For a copy of today's presentation,
Learning Center info or the
essential Bioclear Library, email
me at:
drclark@bioclearmatrix.com

Catapult Exclusive Offer: Bundle and **SAVE \$1,000**

∞ BIOCLEAR

BT CERTIFICATION COURSE



+

BT KIT



+

HEATSYNC KIT



\$2,985 FOR ALL THREE!

To redeem this limited time deal, contact our team at **855-712-5327**

(deal not available online)