

The 360 Experience!
Working Together to Enhance Practice Functionality




Patients seem to be presenting us with greater challenges than ever before. Creating the "ultimate patient experience" for your patients can have a broad influence on your overall success. Engaging the entire team is the key to creating this positive atmosphere. Therefore, the dentist must "lead by example" because the "buck stops at the top" – and that includes all facets of the practice - especially new product and technique decisions that can be real "game changers"!

- Understanding multigenerational patients and how it can affect your success
- Creating the "ultimate patient experience"
- Identifying and implementing "game changers" in your practice...products and techniques to incorporate without breaking the budget!

This handout contains highlights of today's program.
 A PDF of the full presentation is available by email request to me at:
ddsmile@aol.com

The Ultimate Patient Experience!
 Douglas L. Lambert, DDS, FACD, FASDA, ABAD

The 360 Total Team Experience
Academy of General Dentistry
July 14, 2016

Why?

How?



Partner with them!

How to Partner with Your Team

- Start with the **Why...**
- Develop clinical competence within your staff
- Management agreements & responsibilities
- Setting goals – Delegate - Measure results
- Open communication
- Be the leader and introduce "game changers" to the practice!

Disclosure Statement

The following companies have provided financial support to assist with today's program.





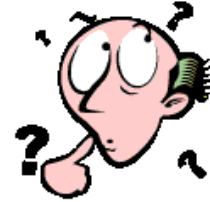


Options
 Options
 Options
 Options

So much to choose from!

- Cast Alloy
- Lithium Disilicate
- PFM
- Feldspathic Porcelain
- Pressed Ceramic
- Aluminous Oxide
- Foil Crown
- Giomer
- Zirconia
- CAD/CAM
- Milled
- Fiber-reinforced
- Amalgam
- Composite
- Alkaline Glass
- Glass Ionomer
- Compomer
- Bioactive

Confusion?



Factors in Choosing a Dentist

	Mean Rank
Quality of treatment	1.07
Personality of dentist	2.75
Cost of treatment	2.76
Location of office	3.82
Office atmosphere	4.03

Factors in Choosing a Dental Procedure

	Mean Rank
Appearance	1.65
Durability	2.77
Self-perception	2.87
Physical health	3.34
Physical comfort	3.69

Figuratively Speaking...

- \$11.2 billion spent on cosmetic procedures in 2015.
- 87% of all the surgical and non-invasive cosmetic procedures in the United States are performed on women.
- 2.5 million Botox injections
- 1.3 million laser hair removals
- 300,000 breast augmentations



American Society for Aesthetic Plastic Surgery, March 2016

Pulchrinomics:

Pulchritudinous: Characterized by or having great physical beauty and appeal



- Research by Dr. Daniel S. Hamermesh, a professor of economics at the University of Texas, measures the advantages that beauty brings in all aspects of life – as well as the disadvantages facing those who are viewed as being “ugly”.
- Evaluates how the impact of beauty transcends many areas of life and applies an economic-thinking model.
- Since beauty is scarce, and economics is about the impact of scarcity, there is a financial impact for a person.

Hamermesh, D. "Beauty Pays: Why Attractive People Are More Successful." Princeton University Press, 2011.

Pulchrinomics and Financial Succes\$\$

- According to his research, attractive people will earn an average of 3% to 4% more than a person with below average looks.
- That adds up to \$230,000 more over a lifetime!!!
- Even an “average-looking” worker is likely to make \$140,000 more over a lifetime than an “ugly” worker.



Hamermesh, D. "Beauty Pays: Why Attractive People Are More Successful."

“Porcelain Pornography”

Raises the issue of excessive and unnecessary preparation of teeth for ceramic veneers and crowns

Coined two new terms:

“Porcelain Deficiency Disease” “Hyperenamelosis”

Kelleher M. Porcelain pornography. *Fac Den J* 2011; **2**: 134–141.



Minimally Invasive

Tooth Banking

Less is More

My Treatment Philosophy: The Four Principles

- **BE CONSERVATIVE**
- **PROVIDE FUNCTION**
- **AESTHETICALLY PLEASING**
- **GOOD LONGEVITY**



Communication with Patients:

Do you **really** know whom you are treating?

- Patient demographics are the key to successful relationships and outcomes
- Knowing your “audience” will determine how you approach a case presentation
- Failure to recognize important generational elements of your patient can lead to a disconnect...and potential for lost opportunities!



Key Diverse Generational Groups



Age 65+
Traditional Values



Age 45-65
Baby Boomers



Age 30-45
Generation X



Age 12-29
Twenty-somethings
Generation Y
Millennials

1. Lisa Philip-Transitions Group NA. 2011
2. ADA Health Policy Resource Center Report 2013

What motivates them...



Age 65+
Job well done



Age 45-65
Money
Material items



Age 30-45
Frequent feedback



Age 12-29
Flex time

How to communicate with them...



Age 65+
Written
Formal



Age 45-65
Prefer face-to-face



Age 30-45
Immediate
To the point



Age 12-29
Groups
Texting

Will they be a loyal patient...



Age 65+
Cradle to grave



Age 45-65
If there is a connection



Age 30-45
Based on service



Age 12-29
Quick
High tech

How about case acceptance...



Age 65+
Trust you
Expert



Age 45-65
Make them part of the solution



Age 30-45
"Doubting Thomases"

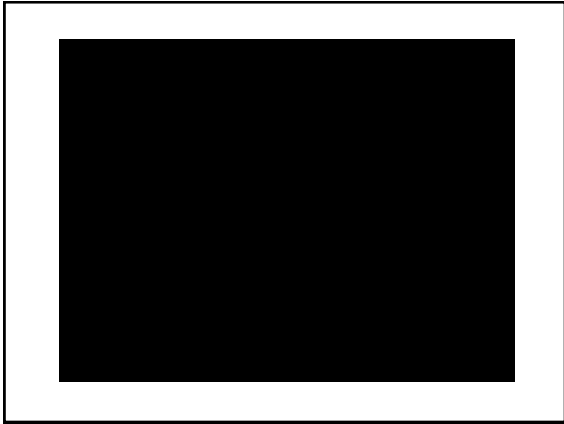


Age 12-29
Follow peers
Facebook
Internet



GAME CHANGERS!






www.cliniciansreport.org



www.dentaladvisor.com



www.realityesthetics.com


www.dentalteamconcepts.com

“There is nothing like first-hand evidence.”
 Sherlock Holmes, in “A Study in Scarlet,” 1888








“GAME CHANGERS” ESTHETICS





Nupro Prophy Paste – NovaMin
www.nupro-sensodyne.com

- NovaMin is a **bioactive glass** which delivers calcium, phosphate, and sodium for remineralization
- Binds to the tooth surface and when it comes in contact with saliva or water it releases calcium and phosphate ions
- A CaP layer crystalizes as hydroxyapatite on the tooth – occludes the dentinal tubules and allows for remineralization



MI Paste and MI Paste Plus

www.gcamerica.com



- Both contain remineralizing agents CPP-ACP (RECALDENT)
- Casein Phosphopeptide (CPP) are natural occurring molecules which are able to bind calcium and phosphate ions to the tooth, plaque, and soft tissues and stabilize the Amorphous Calcium Phosphate (ACP). This raises the levels of calcium and phosphate in the mouth.
- Under acidic conditions, RECALDENT (CPP-ACP) releases calcium and phosphate ions into tooth enamel.
- MI Paste Plus also contains fluoride
- Tastes great!

MI Paste™ and MI Paste Plus™ - Which one to use?

Use MI Paste Plus

- After tooth whitening
- For white spot lesions
- For desensitizing
- During and/or after orthodontics
- For medically compromised patients
- For salivary deficiency/dry mouth
- For patients with acidic oral environments
- For erosion and gastric reflux
- For patients with poor plaque control
- For high-caries risk patients
- To provide extra protection for teeth

Use MI Paste

- Before and after tooth whitening
- For pregnant women
- For children under six
- During and/or after orthodontics
- For desensitizing
- To provide extra protection for teeth
- **Neither MI Paste should be used by anyone with milk protein allergies**



MI Paste

Used every evening after brushing by rubbing it on with a finger tip



GC Dry Mouth Gel

Burning Mouth Syndrome:

Clonazepam 0.25mg ODT (oral dissolving tablets)
Typically this med is used for seizures and anxiety disorders
Dissolve one tablet in mouth 2X daily to start
Can increase to 3X daily and escalate to 0.5mg ODT
Work in conjunction with their primary care physician
This is an "Off Label" use for this medication



Karen Baker, BS, MS
University of Iowa
Director of Dental Pharmacy Services
Associate Professor, Department of Oral Pathology, Radiology and Medicine

Power of Sour and Sip All Day

www.mndental.org



- Great posters from the MDA!
- Excellent discussion points for young patients and their parents
- Frame and hang in your hygiene ops

- Sprees® 3.0
- Sweetarts® 3.0
- Big Stuff Pacifier® Sucker 3.0
- Sour Gummi Bears® 3.0
- X-treme Airheads® 3.0
- Sour Punch Straws® 2.5
- Shockers® 2.5
- Skittles® 2.5
- Baby Bottle Pop® Powder 2.5
- Brach's Gummi Bears® 2.5
- Sqiggles Gummi Worms® 2.5
- Wonka Laffy Taffy® 2.5
- Starburst® 2.4
- Sweet Tarts Shock® 2.4
- Lemon Heads® 2.4
- Mentos® Fruit Chew 2.4
- WarHeads® Sour Rips Roll 2.3
- Zours® 2.2
- Sour Skittles® 2.2
- Airheads® Cherry Chew 2.0
- Wonka Nerds® Grape 2.0
- Now and Later® Cherry Chew 1.9
- Too Tart Extra Sour Goo® 1.9
- Wonka Pixy Stix® Powder 1.9
- Alltoids Mango Sours® 1.9
- Wonka Fun Dip® Powder 1.8
- WarHeads Sour Spray® 1.6
- Battery acid 1.0



Sheer White Strips

www.caogroup.com

- 20% Carbamide Peroxide
- Ultrathin film
- Exceptional fit and stability
- Multiple outlets: Henry Schein, Amazon, individual dental office websites, etc...



SuperSmile Toothpaste

www.supersmile.com

- Contains no silica...uses Calprox which is a proprietary formula of calcium and peroxide
- Excellent for tough, challenging extrinsic stains such as chlorine from swimmers...
- Online, through your office, boutiques and spas, QVC, etc...



Whiter Image Dental

www.whiterimagedental.com



- Unique take home "marketing tools"
- Post-bleaching touch up "To Go" pens – "paint on" and stay open 30 seconds
- Customize with practice name printed on each

Chic-Flic Pens

www.whiterimage.com

- Specifically geared toward the female patient
- One end has tooth whitener (20% CP), other end has a "lip plumper" (retinyl palmitate)
- Lights up with an LED and has a small mirror as well



Aligning of Teeth

- Full orthodontics
- Invisalign
- Six Month Smiles
- Minor Tooth Movement (MTM)



Minor Tooth Movement (MTM)

www.essix.com

- A solution for the "social six"
- Moving a limited number of teeth – usually 1 to 4 teeth – a distance of 2-3mm within the arch
- Requires space within the arch for the teeth to move into
- Done using clear aligners
- Should be performed on patients with permanent teeth only*

* Exception is pediatric crossbite

Types of movement possible

- Bodily/Lateral movement
- Rotation
- Tipping
- Torquing
- Space closure (diastemas/extraction space)
- Crossbite correction



Good Candidates for MTM

- Patient's primary concern is esthetics
- No TMD/TMJ symptoms
- No periodontal concerns
- Adequate space for movement
- Second molars present*
- Motivated patient!



* Exception is pediatric crossbite

MTM Concept:

Space + Force + Time = Tooth Movement
(Sheridan's First Law of Biomechanics)

Options for Creating Space in the Arch:



Burs



Abrasive Strips



Abrasive Discs

mtm clear-aligner
 MinorToothMovement.com

My Account

Member Home | Service Center | In-Office | Practice Builder | Support | Media Room | Resource Library | Clinical Education | Case Submission



A Breakthrough Lab Solution for the Social Six

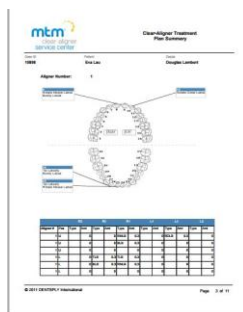
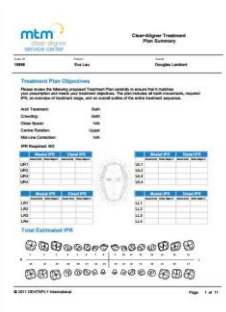
MTM's Clear-Aligner Service Center is a turnkey lab service that provides fully-customized aligners to treat minor to moderate anterior misalignments. Simply submit your case online, and send us impressions, photos and x-rays. Then, in about 7-10 business days, we will craft a proposed Treatment Plan for your approval. After your approval, we'll send you a complete set of aligners, treatment instructions and a patient care kit within approximately two weeks.

With the MTM's Clear-Aligner Service Center, there is no limit to the number of aligners in your initial Treatment Plan, and one free refinement/case correction is included, if needed. No bonded attachments are required, reducing chair time, improving esthetics and making it easy for patients to insert and remove their aligners.

In addition to clear aligners, you may also order clear retainers, bonded lingual retainers and Hawley retainers from the MTM's Clear-Aligner Service Center.

To learn more or to order a Starter Kit, call 1-888-888-4DENTY.

Service Center Case Selection



Options for Creating Space in the Aligner:



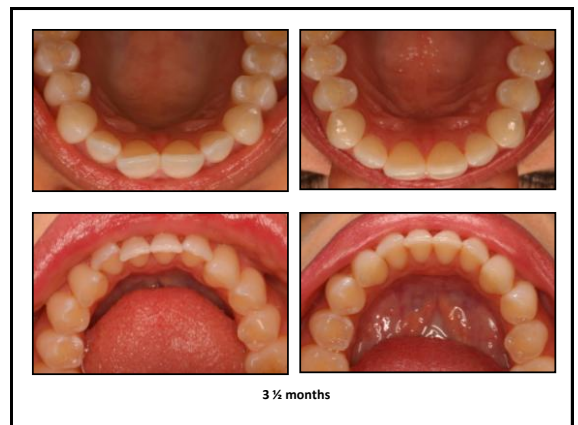
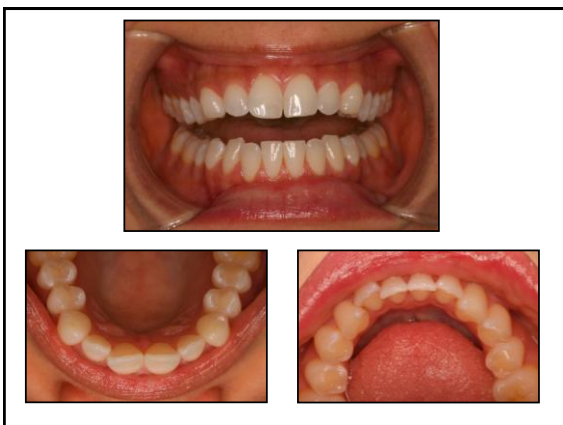
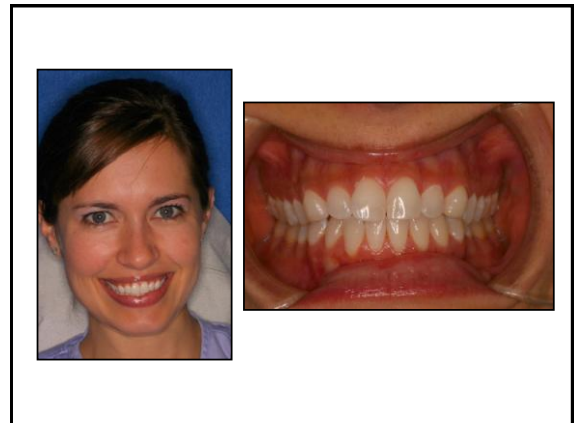
Window

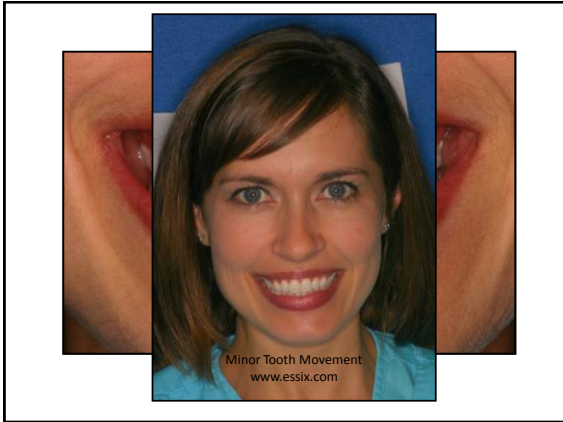


Blockout



Thermoplier™
Pliers






Heat/Pressure Laminated Custom Made Mouthguards and Appliances


		
Druformat Dreve Raintree Essix	Erkopress™ Erkodent® Glidewell Laboratories	Biostar® Great Lakes Orthodontics.

Many uses for the Druformat or Biostar = Positive ROI

- Nightguards/bruxism appliances
- Whitening/Fluoride trays
- Minor Tooth Movement (MTM)
- Essix retainers
- Custom mouth guards
- Provisional splints
- Implant surgical guides
- Many more...



“GAME CHANGERS” CONSERVATIVE RESIN RESTORATIONS

Class II lesion on distal of #29 partially through enamel:
Fluoride? Watch? Prep?

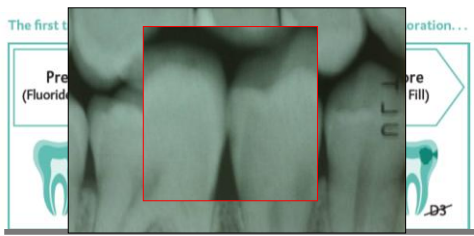
Icon from DMG America

Icon – the revolutionary treatment for early caries without drilling.

Discover this revolutionary technology for treating early caries and carious white spot lesions: micro-invasive, virtually painless and without the unnecessary loss of healthy tooth structure.




Dental Products Report - April 2013



- Instead of taking a “wait and see” approach, Icon can arrest the progress of early enamel lesions up to the first third of dentin – without unnecessary loss of healthy tooth structure!
- Works on both interproximal and smooth surface lesions.



The affected tooth is slightly separated with the included silicone wedges.



The surface of the lesion is eroded with a 15% HCL gel. This opens the pore system of the lesion body.



The pore system is then dried with ethanol dispensed through a needle tip.



Icon resin is then applied onto the lesion body. The extremely high penetration coefficient of the resin enables it to penetrate into the lesion pores.

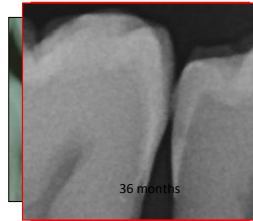


Excess material is removed and the material is light cured. The Icon resin is then applied a second time with excess removed followed by a final light cure.

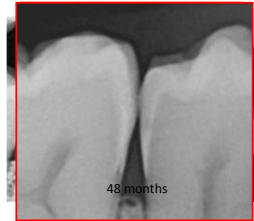


Smooth and polish with disks or cups.

8/16/24/36/48 Month Follow Ups



36 months



48 months

New ADA Code:
2990 Resin Infiltrant



Palodent Plus from Dentsply

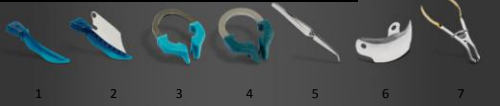
www.dentsply.com



- Ni-Ti rings offer 0.8mm of separation
- Universal and narrow sizes
- Kit comes with the unique Wedge Guard



Key components of the Palodent Plus matrix system:



- 1 – Contoured Wedge (small, medium, and large).
- 2 – Wedge Guard (small, medium, and large).
- 3 – Universal ring
- 4 – Narrow ring
- 5 – Pin tweezers
- 6 – Segmented matrices
- 7 - Forceps

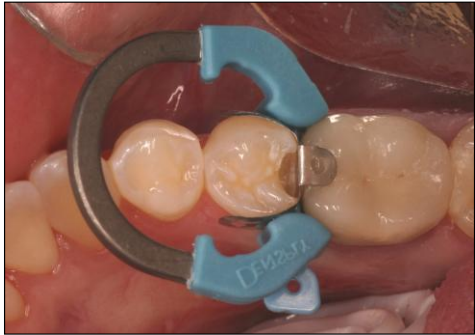


WedgeGuards



- Protects adjacent tooth during prep
- Guard easily detaches leaving wedge in place
- Saves time by leaving wedge in place after prepping





Class II on # 29 isolated with the Palodent Plus metal matrix, wedge, and ring. Note excellent shape and seal of the cavity prep.



Completed Class II using Prime & Bond Elect, SureFil SDR Flow and TPH Spectra.

Surefil SDR Flow+

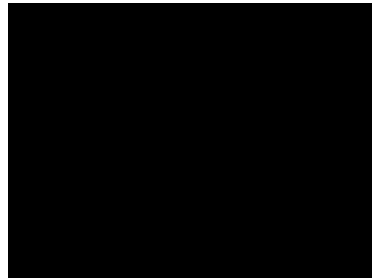
- Low stress and low shrinkage
- Allows for bulk fill up to 4mm deep – Class I and II
- High radiopacity
- Excellent adaptability to prep
- Total-Etch, Self-Etch or Selective-Etch



SureFil SDR flow
POSTERIOR BULK FILL FLOWABLE BASE



Surefil SDR “Flowability”



“Contemporary” Semi-Bulk Fill with Surefil SDR Flow



Remove caries and bevel all enamel margins with a 40 u diamond



Palodent Plus ring, wedge and matrix in place, use a selective-etch technique.



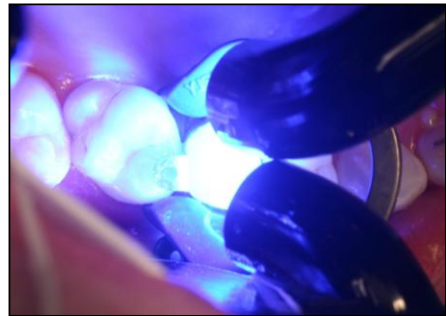
Apply Prime & Bond Elect Universal bonding agent.



Syringe the Surefil SDR Flow into the prep up to the pulpal floor or 4mm maximum.



After curing the SDR Flow layer, top cap the prep with Spectra TPH A1 (LV).



Cure through-the-tooth with two LED lights for 20 seconds.



After removing the Palodont ring and matrix, initial shaping and contouring is done with 12-fluted, spiral shaped carbides (Axis or Brasseler H48-L 010)



Continue occlusal refinement with the 379 carbide.



Final polish is achieved with the Enhance system of cups, points and disks.



The final Class II using SureFil SDR Flow and Spectra TPH.

Calset from AdDent

www.addent.com

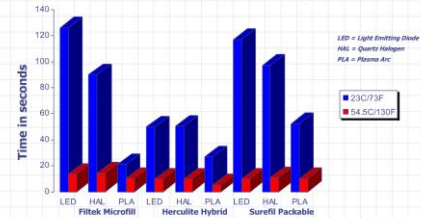
- Prewarms composite to 130° F or 155° F.
- Lowers viscosity to allow for increased flowability up to 68%.
- Improves curing time by 80% to reach equivalent degree of polymerization conversion.
- No danger to the pulp
- Could eliminate the need for a flowable resin



Darovich M, Raeggsgberg F, De Groot M. Monomer conversion of pre-heated composite. J Dent Res 2005; 84(7):663-667.
Lambert, DL. A "Recipe for Success" With Posterior Composites Utilizing Preheated Resins. Dentistry Today, November 2008

Time Decrease

Effect of Cure Temperature on Time Required to Reach Equivalent Conversion

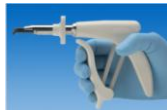


J.W. Stannery. Use of near-IR to monitor the influence of external heating on dental composite photopolymerization. Dental Materials, Vol. 20, Issue 6, October 2004

CoMax Composite Gun

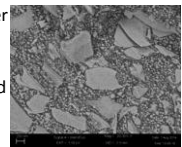
www.addent.com

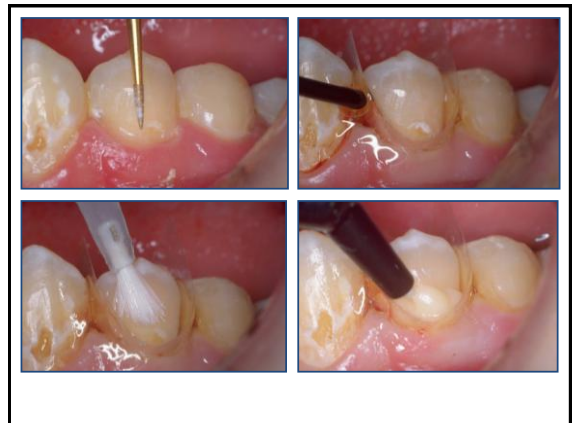
- Ergonomically designed to allow for smooth, stress-free expression of composite
- Can be placed directly into the Calset heater with a compule



Admira Fusion from VOCO

- Unique silicate-based ceramic Omocer technology (Organically Modified Ceramics)
- Currently used for surface coatings and microchip fabrication
- Contains no "classic" monomers – BisGMA, TEDGMA, UDMA or HEMA – yet bonds with all resin-based DBAs
- 1.25% volumetric shrinkage and 3.71 Mpa shrinkage stress
- Radiopacity = 305% Al...BPA free!





margin perfect matrix
www.marginperfectmatrix.com

The "Best Kept Secret" in Esthetic Dentistry

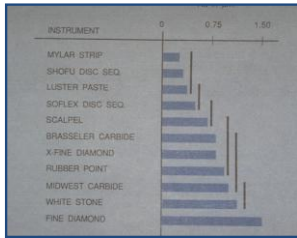
Margin Perfect Matrix
0.0020" THICK

Margin Perfect Matrix ULTRA
0.0015" THICK

The graphic features a logo with a stylized 'M' and 'P' inside a circle. Below the logo is the text 'margin perfect matrix' and the website 'www.marginperfectmatrix.com'. A green box contains the text 'The "Best Kept Secret" in Esthetic Dentistry'. At the bottom, two diagrams show the cross-section of the matrix bands, labeled 'cervical collar'. The left diagram is for 'Margin Perfect Matrix' (0.0020" THICK) and the right diagram is for 'Margin Perfect Matrix ULTRA' (0.0015" THICK).

Surface Smoothness By Finishing Method

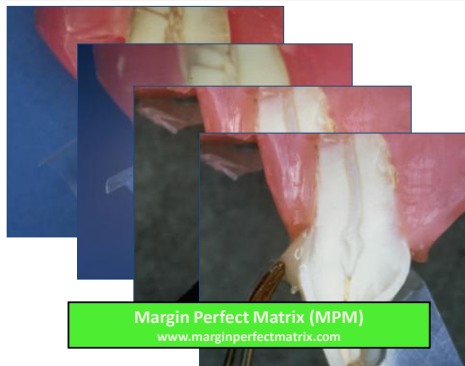
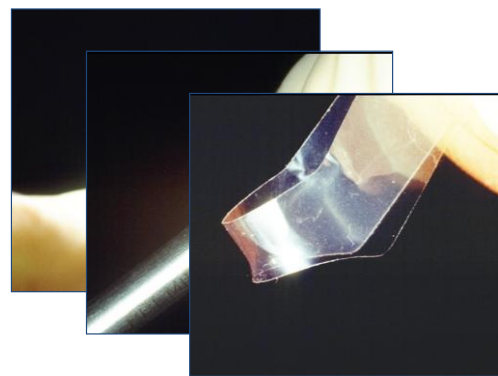
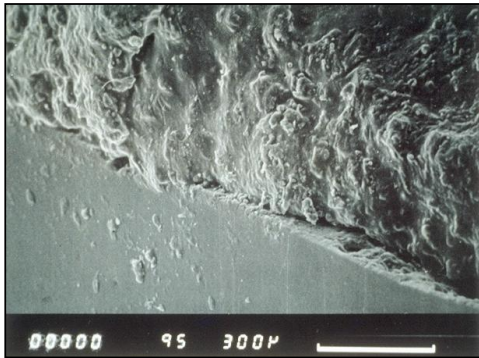
(in um)



Mylar Matrices and Composites

Spanning four decades!

- McLundie A, Murray F. Comparison of methods used in finishing composite resin-a scanning electron microscope study. *J Prosthet Dent* 1974; 31:163-17.
- Dennison J, Fan P, Powers J. Surface roughness of microfilled composites. *JADA* Jun 1981; 102(6):859-62.
- Belvedere P, Lambert D. A polyester matrix system for a periodontally sound, acid-etched bonded veneer. *NW Dent* May-Jun 1984; 14-17.
- Bauer J. Contour of class V composite restorations. *J Prosthet Dent* Jul 1987; 58(1):8-12.
- Stoddard J, Johnson G. An evaluation of polishing agents for composite resins. *J Prosthet Dent* Apr 1991;65(4):491-5.
- Chung K. Effects of finishing and polishing procedures on the surface texture of resin composites. *Dent Mater* Sept 1994;10(5):325-30.
- Yap A, Lye K, Sau C. Surface characteristics of tooth-colored restoratives polished utilizing different polishing systems. *Oper Dent* Nov-Dec 1997;22(6):260-5.
- Hoelscher D, Neme A, Pink F, Hughes P. The effect of three finishing systems on four esthetic restorative materials. *Oper Dent* Jan-Feb 1998;23(1):36-42.
- Gedik R, Hurmuzlu F, Coskin A et al. Surface roughness of new microhybrid resin-based composites. *JADA* Aug 2005;136(8):1106-12.
- Cadenaro M, Dorigo E, Contardo L et al. Surface roughness of three resin restorative materials after finishing and polishing. *Minerva Stomatol* Apr 2006;55(4): 179-97.





Key ingredients:

- Margin Perfect Matrix (Margin Perfect Matrix, LTD)
- Heliobond (Ivoclar/Vivadent)
- Pink opaquer (Pulpdent)
- Empress Direct B1 Dentin and B1 Enamel (Ivoclar/Vivadent)




“GAME CHANGERS” POTPOURRI OF PRACTICE BUILDERS

Smile Reminder

www.solutionreach.com

- Text reminders
- Email reminders
- Confirmations (text & email)
- Patient reviews
- Patient reactivation
- Online reputation management
- Automated revenue management
- ...and more!

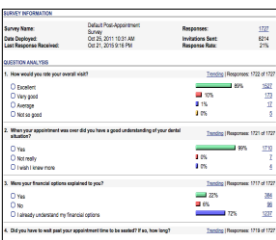



Smile Reminder

www.solutionreach.com



- One-to-one patient messaging...Quick fill list
- Pre-med reminder and post-operative instructions
- Patient reactivation
- On-line bill pay
- Appointment search
- Insurance forms
- Patient photos
- Secure messaging

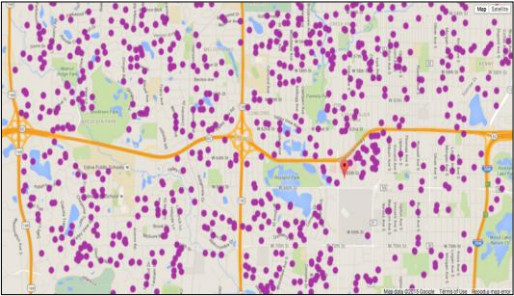


Feedback from patients is priceless!
The more reviews - the higher your SEO (Search Engine Optimization)



New	72
Published	75
Average Rating	★★★★★

- ★★★★★ Doris and Dr. Lambert are the best!
- ★★★★★ Katie is great. She told me I was taking good care of my teeth
- ★★★★★ Everyone is sincere, friendly, professional, and very talented. We love coming to see you
- ★★★★★ Lambert, Houck and Lambert
- ★★★★★ Entire staff was, as always, friendly and welcoming.
- ★★★★★ I love this place!!! I hated the dentist before...
- ★★★★★ Every member of your staff is friendly, knowledgeable, and helpful
- ★★★★★ Your whole staff treats me like family, but Angie and Sandy are the best!! My teeth feel so good...

Custom Birthday Messaging



Map where your patients are coming from... Target specific areas for direct marketing!

www.solutionreach.com


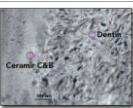
Cementation of Full Crowns

- **Resin-Modified Glass Ionomer**
 - 20% resin and 80% glass ionomer
- **Self-Adhesive Resin**
 - Resin with an incorporated self-etch primer
- **Self-Etch Resin**
 - Resin cement that requires a separate self-etch primer be applied before cementation
- **Total-Etch Resin**
 - Resin that uses a total-etch of the tooth prior to cementing/bonding

RMGI	Self-Adhesive Resin	Self-Etch Resin
FujiCem (GC America) RelyX Luting Plus (3M/ESPE)	Calibra Universal (Dentsply/Cauk) RelyX Unicem 2 (3M/ESPE)	Multilink (Ivoclar) Clearfil Esthetic (Kuraray)
Metal, PFM, Zirconia (Lava), Lithium Disilicate (e.max)	Metal, PFM, Zirconia, Lithium Disilicate, Leucite Reinforced (IPS Empress), some resin-based crowns	Everything, except porcelain veneers

Ceramir from Doxa

- New technology based on Nanostructurally Integrating Bioceramics (NIB)
- Has a chemical structure similar to hydroxyapatite
- As it hardens, it seals the interface with the tooth and resists acid attacks
- Works for all ceramic-based materials – including lithium disilicate, alumina and zirconia.
- No etching, priming, bonding or conditioning

1. Steven B. Jeffries, Cornelia H. Farnelger, David C. Applegate, Daniel Boston & Jesse Löffel. A bioactive dental luting cement: its extensive properties and a novel clinical technique. *Composited Growth Educ Dent*. 2013; 38: Supp. No. 1:2-8.
2. Jeffries SB, Farnelger CH, Applegate D, Boston D, Galbraith C, Löffel J, Glantz P-O. Prospective Observation of a New Bioactive Luting Cement: 2-Year Follow-Up. *J Frithofedent*. 2012; 21: 8-14.
3. Jeffries SB, Farnelger CH, Applegate D, Boston D, Löffel J, Glantz P-O. One year clinical performance and post-operative sensitivity of a bioactive dental luting cement – A prospective clinical study.

Bioactivity - Selfsealing properties

Ceramir C&B is bioactive, enabling the formation of a surface layer of hydroxyapatite crystals. Clinically, this may translate into a protective hydroxyapatite layer at the tooth-restoration interface



*In saliva Ceramir C&B promotes HA formation at its surface, and could be expected to promote natural HA formation at the restoration-tooth interface**

*A comparative study of the bioactivity of three materials for dental applications. Published by: J Löffel, F Svahn, T Jarmas, H Engqvist, CH Farnelger. Published as: *Dental Materials* (2008) 24: 653-659
**Hydroxyapatite formation on a novel dental cement in human saliva. Published by: J Engstrand, E Unosson, H Engqvist. Published as: *ISRN Dentistry* (2012): Article ID 6224056

Antibacterial properties

*No antibacterial effect was observed for any other cements than Ceramir Crown & Bridge after 1 day or 7 days

*No correlation between either acidic materials or fluoride release and antibacterial properties could be seen; rather, basic materials showed stronger antibacterial properties

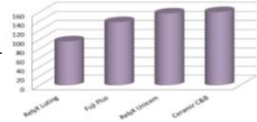


* Significantly fewer CFUs, indicating antibacterial activity (p<0.05 vs. control)

Antibacterial properties of dental luting agents: Potential to hinder the development of secondary caries. Published by: E Unosson, Y Cai, X Jiang, J Li, G K Welch, H Engqvist. Published as: International Journal of Dentistry (2012); Article ID 529495.

In vitro tests, Temple University

*Compressive strength (MPa) after 24 hours storage in phosphate buffer at 37°C

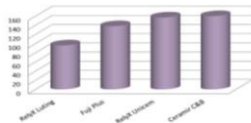


	Rely X Luting	Fuji Plus	Rely X Unicem	Ceramir C&B
Strength (Mpa)	96 ± 10	138 ± 15	157 ± 10	160 ± 27

Results are published in J Dent Res. 2008;87(8):3100 by Jefferies et al

In vitro tests, Temple University

Compressive strength (MPa) after 24 hours storage in phosphate buffer at 37°C



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Ivoclean

www.ivoclarvivident.com

- Cleans the intaglio surface of all indirect restoratives after intraoral try-in
- Removes saliva contaminants from glass ceramics, zirconia, aluminum oxide, metal, lab composites and enhances bond and seal



QuikGlaze

www.alldentalprodx.com

- Provides a smooth, esthetic finish to your bisacryllic provisionals
- Seals little surface imperfections
- Methyl methacrylate based
- Stain and abrasion resistant – no color shift
- Paint on and light cure



Home Care of Temps

- Rx Ultra Suave Orange Cello toothbrush from PHB, Inc.





- Peridex



www.phbinc.com

Spot-It



www.directadental.com

- Floss aid (colored floss) to find the tight proximal contact areas
- Precisely marks the spot to adjust
- Keeps you from "over adjusting" or adjusting in the incorrect spot
- Straight or angled handle
- Easy to use by one person!

1 1/2" Indianhead Mirror



www.miltex.com

- 1 1/2" front face mirror (twice the size of a normal mirror)
- Amazing expanded view
- Especially great for maxillary arch – can see canine-to-canine without moving the mirror
- Available through most dental dealers

Carbine Finishing Burs

www.brasselerusa.com

- 12 bladed, spiral-shaped carbide finishing burs for both composite and bisacrylic materials
- Cuts, smooths and polishes in one motion
- Numerous shapes: My favorites are:
 - H48L.31.010 (flame)
 - H274.31.016 (acorn)
 - H379.31.018 (football)

Contact E-Z








www.contactez.com




- Great assortment of metal abrasive strips
- Very sturdy frame
- Holds up with multiple uses and autoclaving
- Finishing, IPR, tight contacts, bonded contacts, etc...

User Performed Dental Imaging Programs

- Cliosoft Imaging Software
 - Envision a Smile
 - Digident Digital Dentist
- Snap Instant Dental Imaging

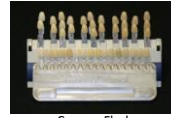
Simulate closing a diastema

Or replacing an amalgam with a composite

User Performed Dental Imaging Libraries



Metamerism



Camera Flash



Camera Flash (different angle)



Fluorescent Light



Incandescent Light

Lighting does make a difference!

Rite*lite 2 from AdDent

www.addent.com

- 5500° K LED bulb
- CRI over 90
- Portable
- 2 standard AA batteries
- Small aperture decreases outside influences – like shirt color
- Three light settings:
 - Color corrected (5500° K)
 - Incandescent (3200° K)
 - Ambient (3900° K)



Cavitron Touch and Steri-Mate 360

www.dentsply.com

- Fully rotating detachable handpiece for the Cavitron Touch
- Autoclavable
- Huge hit with our hygienists!



Bio/Screen

www.addent.com



- 45,000 people diagnosed with oral cancer annually in the U.S.
- Uses five violet LEDs that shows biofluorescence in the oral cavity
- Can be used in a fully lit operatory
- Not a substitute for a biopsy or histologic evaluation
- CDT code D0431 (Adjunctive pre-diagnostic test)





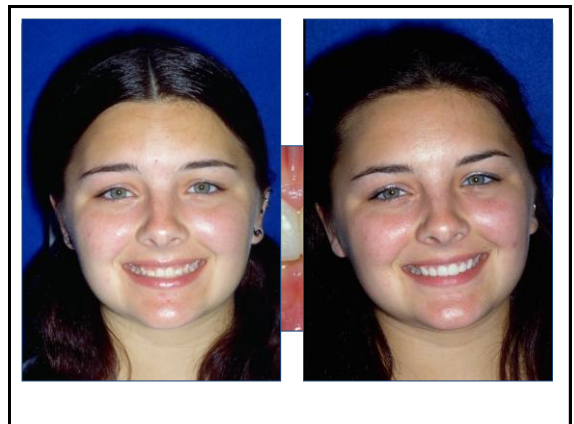
Armamentarium – What You Need!

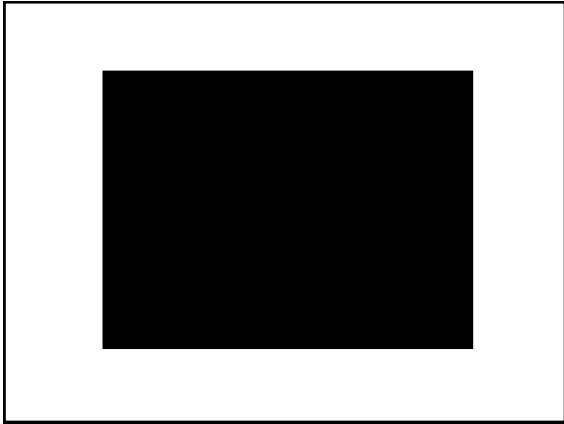
- Composite – Preferably unit-dose
- Lighter shade (A1, B1, Bleach)
- Instruments:
 - Thin bladed plastic instrument
 - Flat, chisel-shaped brush
 - Plastic, disposable cuticle pusher
 - Orthodontic dividers/calipers
 - Oversized intraoral mirror (1 ½" front face Indianhead)



What's to be gained...

- Shows the patient what can be achieved – patient motivation!
- Helps you formulate your options and treatment path
- Evaluate incisal edge position, fricative and sybilant sounds, envelope of function
- Serves as a template for you and your specialists – take photos of the preview, impressions for study casts, make a surgical stent, basis for laboratory wax-up, etc...





“Sally”

32-year-old female

my short laterals.

So...what do we see here?

Mock up or Diagnostic Preview with composite



Soft tissue trim with electrosurg

Direct composite veneers # 7 through #10.

Partial composite veneers on #6 and #11

It's all about the experience!



NORDSTROM

This is what they are looking for!

