

Strupp/Brumm Products List 2019

Listed in this issue are the clinical products and materials that I use in my dental practice. Many of the materials have changed since last year's Review issue. Check back at the web site for changes throughout the year as I find new products and new product suppliers.

Acrylic

Jet Acrylic/Powder and Liquid (for all provisional restorations)

[Lang Dental Mfg. Co./Local Supplier](#)

Jet Acrylic is still the standard in my office for provisionals, primarily because, unlike composite materials, it can be trimmed to a very fine margin without flaking away. Also, with air abrasion, extra retention can be achieved, unlike with Bisacryl materials. *Jet Acrylic* is exothermic; however, the heat problem is mitigated because the acrylic is never allowed to heat up in the mouth. Provisionals in my office are made with an indirect technique. Provisionals made of Jet can be flexed for easy removal when *Durelon* is used as the provisional cement.



Super-T (provisional material used for joining sectioned temporaries or repairing broken temporaries in the mouth and painting in margins on models and in the mouth).



American Consolidated Mfg. Company

Super-T is used primarily as a repair material, although it can also be used to add contacts. It sets hard in one minute, so care must be taken not to lock a provisional in when painting in intraorally. Keep out of light.

Acrylic Finishing

For straight handpieces:

H1-023 ROUND BUR (for relieving inside of temporaries)
(261E-11) 023 CARBIDE BUR (for refining embrasure areas)
(858-11) 012 CARBIDE BUR (for defining occlusal anatomy)
(858-11) 014 DIAMOND (for refining interproximals)
(894-11) 060 LAB DIAMOND (for creating negative contour and refining temporaries)
(365-220) SERRATED DIAMOND DISC (for separating temporaries)
(H72-11) LAB CARBIDE (for gross trimming of temporaries)
(H79SG-11) 070 CARBIDE BUR (for cutting stone)
6934-11-300 DIAMOND STONE CUTTING DISC (used with indirect provisional technique to trim away stone from acrylic to prevent breaking temporaries that are thin - for all ceramics)
911H-11-180 HyperFlex Double sided Diamond (separating and contouring)
943-11-100 Miniflex Double Sided Diamond (fine trimming, small proximities)
934-11-100 VisionFlex Open-Meshed (ultra fine separating and contouring)
(H77E-023, H77E-023F & H77E-029, H77E-029F) CARBIDE BUR (for die trimming)
(H77) Lab Carbide (for gross trimming)
[Brasseler USA](#)

Acrylic Polisher

Polycril Advance alternative for polishing acrylic & resin material. (polishing temporaries & dentures)
Local supplier



Alginate Mixer

Alginator
(Mechanical alginate mixer saves 30% on alginate cost due to less waste and creates a superior mix)
DUX Dental/Local Supplier



If you are not using an alginator, you should be. It saves time, energy and cuts alginate costs.

Clean & Lube Spray (Used after every alginate mix to keep bowl flexible)
DUX Dental



Air Abrasion Devices

Rondo Flex 2013
(Delivers a narrow stream of *CoJet Sand* [3M ESPE] to remove residual *Durelon* cement from preparations and to clean before cementation and placement of direct composites. Also



roughens porcelain before repairing.)
Kavo America Corp.

It creates a sandy aerosol; therefore, masks must be worn and the patient's face must be covered.

CoJet Sand [3M ESPE]
Blast-Coating Agent 30pm
3M ESPE//Henry Schein



Anesthetics

Carbocaine - 3% (no vasoconstrictor)
Cook-Waite/Local Supplier

Citanest - 4% Plain
DentsplyPharmaceutical/Local Supplier

Marcaine - 0.5% (1:200,000 epinephrine)
Cook-Waite /Local Supplier

Septocaine - 4% Articaine hydrochloride (1:100,000 epinephrine)
Septodont, Inc./Local Supplier

My primary choices for anesthetics are *Citanest* and *Marcaine*. *Citanest* should never be administered with a 30 gauge needle for a mandibular block due to possible paresthesia. Septocaine can be used for infiltration of all mandibular teeth however it is less effective for molars.

Anesthetics (Topical)

Topicale - (Topical anesthetic gel)



PremierDental Products Co.

Topicale can be used to anesthetize tissue before injections, but it must be placed on dry tissue and must stay in place for at least one minute.

Antimicrobials (Intraoral)

Pure 4% CHG – *Best Buy Discount Dental Supply*

Tubulicid (Red) - *Temrex*

Clorox Bleach (undiluted) - *Local Grocery*

The three antimicrobials above represents the “*holy triad*” of bacterial control. This is the surface

treatment of teeth that is applied prior to core buildups and before cementation of provisionals. It is not used with self-etching primers such as *Clearfil SE Protect* and *ED Primer*.
Grain Alcohol (To kill microbes and flush eugenol from endodontically treated teeth prior to core buildup or post placement). *Local Liquor Store*

It is best to wait at least two weeks after endodontics to do core build-ups so the eugenol can partially dissipate. It is even better to use *AH26 [Dentsply]* as an endodontic sealer; it is a resin.

Articulating Ribbon

Madame Butterfly Silk (occlusal adjustment)
Almore International, Inc.



I have used silk articulating ribbons since the early days of my career. As with any ribbon, there is a learning curve to using it properly.

Barriers

DeOx (Viscous glycerine-based liquid designed to prevent formation of an oxygen inhibition layer on the surface of resin composite materials when they are polymerized). Used during cementation of all ceramic restorations.
Ultradent Products



Oxyguard II (Viscous gel used to block the oxygen from anaerobic setting *Panavia 21* and *Panavia F* cements. Also contains a polymerization accelerator to provide a more effective set). Used during cementation of metal based restorations.
Kuraray USA, Inc./Local Supplier

Opal Dam Resin barrier used to isolate and protect soft tissue with an impervious seal.

[Ultradent Products](#)



Base/Liner Material

Dycal® Radiopaque Calcium Hydroxide Composition

[Densply](#)



Flecks - (Zinc Phosphate - coronal seal for endodontically treated teeth)
Mizzy Inc./Local Supplier



I prefer *Enamel Shade Core Paste* as a base composite because it flows to the tooth more smoothly and is self cured. Occasionally in Class I restorations that are medium-to-large sized, I use a flowable light-cured composite like *Aelite Flo* to fill the floor of the cavity before filling it with a posterior resin composite.

Bite Record Material

Occlufast (Vinyl Polysiloxane bite registration material for centric bite records and indexes)

[Zhermack/Henry Schein](#)



I use Occlufast primarily due to the density of the material and its quick set time.

Bleaching Solution

Take Home

Life-Like Bleaching Products (30%)

[Life-Like Cosmetic Solutions](#)

I use *Life-Like Bleaching Products* to create a clinical result that works virtually 100% of the time. (30 minutes per day)



Opalescence (20 & 35%)

[Ultradent](#)

In Office

Opalescence Boost(40%)

[Ultradent](#)

Power bleaching – no light required



Brushes

Bend-a-Brush (Bendable, disposable brushes for applying Primer A & B)

[Centrix, Inc.](#)



Ball-Point Applicators Fine & Medium Heads - For precise applications of *ED Primer, A&B Primers and DE Resin.*
Pinnacle Products/Local Supplier



Microbrush X (For cleaning post spaces with the “holy triad” and carrying medicaments and bonding materials into post space)

[Microbrush International.](#) - *Local Supplier*



Ultra Brush 2.0 (Replaces the sable brush for acrylic paint-in)

[Microbrush International.](#) - *Local Supplier*

OptiClean (Kerr Dental)

- Biologic Reshaping: Polish root surface and composites.
- **Polaris G80, G100:** Closed flap biologic reshaping.



Burs & Diamonds

DIAMONDS

[Brasseler USA](#)

[Polaris Diamonds](#)



846-012 (F61) (Sloping shoulder . 8mm on end prepared on plane parallel to long axis of the root, mesial, distal, facial and lingual. This is the most frequently used diamond)
877K-012 (G61) (Thin tissue/proximal walls to avoid tissue contact. This is the second most frequently used diamond.)
877K-014 (G62) (Shallow chamfer)
877K-016 (G63) (Medium chamfer)
368-023 (302) (2 mm football for inner inclines of upper buccal cusps [onlays] and lingual reduction of anterior teeth.)
879K-012 "Long Skinny" (Thin chamfers and tight interproximals on all preparations)
878K-012 (G81)
878K-014 (G82)
878K-016 (G83)
878K-018 (G84)
801-010 (#2 round)
801-016 (#4 round)
6801-023 (#8 round) (Occlusal reduction of posterior teeth)

CARBIDES

[Brassler USA](#)

7702-010 (For refining all internal aspects for small teeth) 12 fluted.
7713-012 (For refining all internal aspects for large teeth) 12 fluted.
7901-009 (Flame shaped for fissurotomy)

SINGLE USE BURS

#330 Carbide Clinic Pack (Gross removal of old crowns and old fillings)

Midwest

#1/2, 2, 4, 6, 8 Steel Round Latch Type Burs (Slow speed decay removal) - [Sullivan Schein](#)

Caries Detectors

Cari-D-Tect

I use *Cari-D-Tect* because it shows decay clearly (residual decay detecting solution inhibits composite bonding). It must be ground away completely. -

[Best Buy Discount Dental Supply](#)



Cements (Composite Luting)

Panavia F 2.0 Tooth Colored, White, Opaque and Light (Dual cure resin-based cement system for metal, composite and silanated porcelain restorations)
[Kuraray USA, Inc.](#)



Panavia 21 TC (For posts)

[Kuraray USA, Inc./Local Supplier](#)



My primary cement for all restorations is *Panavia F 2.0 Light*.

Cements (Provisional)

Durelon - Polycarboxylate (Primary provisional cement)

[3M ESPE/Local](#)



Ceramic Primer

Clearfil Ceramic Primer #2250KA

(Used for priming zirconia restoration prior to cementation. It has a molecule that works with zirconia)

[Kuraray USA, Inc. / Local Supplier](#)



Research shows that *Clearfil Ceramic Primer* is one of the best ceramic primers on the market. However, it is important to use only primer that is less than a year old. It must be used on porcelain before and after try-in. The porcelain must be H₃PO₄ decontaminated/treated before silane application.

Composites (Direct Restorations)

G-aenial Universal Flo
[GC America](#)



Filtek Supreme Flowable – 3M ESPE



Enamel Shade Core Paste
[Den-Mat Corp.](#)

I do not do many posterior composites because I believe they are as inferior as amalgam. I place 90% of the posterior direct restorations with *Enamel Shade Core Paste*.

Core Material

Enamel Shade Core Paste (For crown build-ups and caries control)
[Den-Mat Corp.](#)



The only core material I use is *Enamel Shade Core Paste* because of its physical properties and color. It is very strong and does not affect the color of thin all-ceramic restorations. (Not photoactivated).

Crown Removers

Richwil Crown & Bridge Remover
("Ju Ju Bees")
[Almore International, Inc.](#)



Towel Clamp Forceps and Mosquito Hemostats
[Hu-Friedy Co](#)
Local Supplier

GC Removal Pliers (K. Y. Type)
[GC America](#)

The simplest way to remove a single-unit crown is with the *Richwil* remover. However, bridges are best removed with an instrument that delivers an impact force to the tooth, such as the *Corona Flex* remover.

Crown Seaters

Aidaco Bite Sticks (Wooden bite sticks that are used to seat posts and anterior all ceramic crowns.)
[Henry Schein/Temrex](#)



#2 Plastic Filling Instrument (PF1HF2) (Used to properly seat posterior restorations during try-in and cementation)
[Hu-Friedy Co](#)



Dappen Dishes

Dapaway (Disposable dappen dish)
Dentsply/Local Supplier



To avoid contamination, the *Dapaway Dish* should never be touched inside the dish by fingers. Only hemostats or cotton pliers should be used to handle the dish. One should remove the dish from the bottom of the stack without touching the inside.

Dappen Dishes # 900-1878 (For mixing Super-T while making improvements to temporaries)
[Henry Schein/Local Supplier](#)



Glass Dappen Dish
(For soaking retraction cord)
[Henry Schein / Local Supplier](#)



Dentin Bonding

All Bond 2 Kit
• *Uni-Etch BAC* (32% phosphoric acid with benzalkonium chloride)
• *Primer A&B*
• *Dentin/Enamel Bonding Resin*

Used for post cementation only. It is compatible with *Panavia 21* and *All Bond 3* is not [Bisco Dental Products](#)



Clearfil SE Protect (Used for all photoactivated resin composites)
[Kuraray USA, Inc.](#)



ED Primer (One step bonding; etches and primes simultaneously and is hemostatic and antimicrobial for Panavia F 2.0 and 21)
[Kuraray USA, Inc.](#)



We use *Clearfil SE Protect* for all dentin bonding procedures that use photoactivated resin composites. We use *ED Primer* when cementing

restorations with *Panavia F 2.0* or posts with *Panavia 21*.

Dentin Desensitizer

Super Seal (2.9% potassium oxalate)
[Best Buy Discount Dental Supply](#)

Super Seal is an acid chelating oxalate sealer and is always used after bonding procedures are complete, never before.



Prevident 5000
Varnish 5% Sodium Fl
[Colgate](#)

Used on all teeth that are root reshaped starting one week after perio surgery. *Varnish* is also used on abfraction lesions or exposed root surfaces that are sensitive.



Teethmate Desensitizer Treatment of exposed dentin & post cementation
[Kuraray USA, Inc.](#)



Denture Relining

Coe-Soft (Resilient denture liner)
[GC America, Inc.](#)



Hydro-Cast (Tissue treatment & functional impression material)
Kay-See Dental Manufacturing Co./ Local Supplier



Muco Soft (Fast & simple chairside soft relines) [Parkell, Inc.](#)



Muco Hard (Quickly restore long-term comfort and stability with chairside hard relines.) [Parkell, Inc.](#)



Diamond Cleaning Chips

Extend-A-Life
[Ultradent Products, Inc](#)



Extend-A-Life cleaning chips work well for removing the grinding debris and the red stain that accumulates from marking ribbons from diamonds. Must be used with copious water.

Dispensers

Pure Floss Dispenser (Contact-Free)
Jordco, Inc.

Portionaid Dispensing Bottle (Holds liquid in lower chamber; upper chamber measures and dispenses - used for distilled water for alginates and *Stalite* for *Snap Stone*.)
Almore, Inc.

Dry Air System

Totally Clean and Dry Air System
[Best Buy Discount Dental Supply](#)



The system comprises a unique separation filter inserted into an air line that supplies a *DCI 3-Way Syringe*, which has both inputs hooked up to air only. Since no water feeds the syringe, small water droplets from the syringe will not contaminate your critically dry field. The *Dry Air System* is absolutely necessary to achieve successful dentin bonding.

DCI Tips #3059
[DCI/Sullivan-Schein Dental Products](#)



To clean syringe tips: soak in acetone, ultrasonic in acetone, ultrasonic in distilled water, then heat sterilize.

Endodontic Irrigators

Stropko Irrigator (Used for irrigating and drying post spaces - used with *Appli-Vac Micro* yellow 20 ga needle tips)



Both from [Vista Dental](#)

Etching Agents

Ceram-Etch (Ceramic etch 9.5% Hydrofluoric Acid)
[Gresco Products, Inc.](#)
Ceram-Etch is a hydrofluoric acid product and must not be allowed near any soft tissue if used intraorally.



Uni-Etch with BAC (32% phosphoric acid with benzalkonium chloride for dentin/ enamel etch)
[Bisco Dental Products](#)



85% Phosphoric Acid (85% mixed with equal volumes of distilled water; pour acid into water; used to decontaminate restorations after try-in) – [Mallinckrodt Baker](#)

Finishing Discs

FlexiDisc
[Cosmedent, Inc./Local Supplier](#)



Sof-Lex Sandpaper Discs
[3M Dental Products Co./Local Supplier](#)



I use blue *Flexi-Discs* and *Sof-Lex Discs* for final restoration contour and polish for final margination of vertical cavo-surfaces of partial coverage preparations and to polish tooth surfaces or restorations that were touched while preparing adjacent teeth. They work well to contour and polish composites.

Finishing Strips & Saws

Compo Strips Red 100F (Diamond finishing strips)
[3M ESPE/Local Supplier](#)



Gateway Strips (Diamond finishing strips)



[Brasseler, USA](#)

Ribbon Saw (One-sided serrated steel saws for cleaning interproximal cement)
[Pfungst & Co., Inc./Sullivan Schein](#)

Sof-Lex Finishing Strips (Medium, fine-slotted)
[3M Dental Products Co.](#)



The downside to direct dentistry is that it is virtually impossible to achieve a sufficiently smooth surface on a restoration by using a strip on the interproximal surface. I generally use strips only on direct composite restorations, rarely on indirect porcelain restorations. Occasionally, I use the fine side of a *Sof-Lex* finishing strip on an interproximal surface, but now that my lab makes all-porcelain restorations that fit as well as gold castings, there is rarely a need for interproximal finishing.

Hand Instruments

Miller. Articulating Paper Forceps
[Hu-Friedy](#) (Second one on tray set up for holding *Dapaway Dappen Dish* for delivery of primers and bonds)



Crystal HD Mouth Mirror
40% Brighter & clearer images
[Zirc Dental](#)

Mirrors (plastic disposable - used in air abrasion procedures)
[Sullivan-Schein Dental Products](#)

Packer #R-55 (Small; used for placing gingival retraction cord. Especially valuable in performing atraumatic cord placement. It must be thinned out for easier less traumatic core placement.)
[Pascal Co.](#)



Plastic Instrument (#PFIHF2, used for seating crowns)
[Hu-Friedy Co.](#)



Pedo Explorer #2 Double End (used to clean cement fragments and to pack cord in tight proximities)
[Hu-Friedy Co.](#)



Probe 15mm (#PCPUNC15, for pre-probe measurements and visual guide)

[Hu-Friedy Co.](#)



Scaler (Sickle #SH5/33)

[Hu-Friedy Co.](#)

Surgical Scalpel #3 with a 12B Blade
(used to clean composite cement from contact areas)

[Sullivan-Schein Dental Products](#)



Uni-Band Advantage (sectional matrix forceps)

[Clinician's Choice](#)



Handpieces

Slow Speed/High Speed (Fiber optics Multiflex System with *Intraflex Lux*. Slow speed #232OL; High speed Mira Lux 3-635B with push button bur release with hard nose chuck; Mid range #2325LN;- [Kavo America Corp.](#)



Sonic Scaler 2000 N/L (Used to remove Durelon cement when it is used as a provisional cement)

[Kavo America Corp.](#)



Prophy Angles Vantage (screw-on type)

[Miltex Instrument Co., Inc./Local Supplier](#)



Lab Handpiece (Kavo K-9 EWL)

[Kavo America Corp](#)



500 Lab Handpiece

[Brasseler USA](#)



Excellent Value

The word in handpieces is *Kavo*. I probably use the mid-range handpiece more than any other for finalizing margins. Kavo's electric high-speed handpiece has a high torque and does not stall out. However, its large head, like that of the mid range, can create access problems. In addition, it is heavy. The *K-9 EWL* is vastly superior in smoothness and concentricity to any other lab handpiece on the market for finishing temporaries in the lab. The *Sonicflex Scaler* is great for removing *Durelon* which is used as a provisional cement.

Handpiece Lubricants

Kavo Spray (Slow speed/high speed)

[Kavo America Corp](#)



Super Lube (Prophy angle)

[Young Dental Mfg./Local Supplier](#)



Kavo Quattrocare (Automatic cleaning and lubricating system for handpieces)

[Kavo America Corp.](#)



Hemostatic Agents

Hemodent (For routine hemorrhage control and saturating epinephrine-containing #7 Siltrax cord)

[Premier Dental/Henry Schein](#)



Hemostatic agents potentially inhibit the set of resins and VPS impression materials; after use, rinse thoroughly. One should not leave hemostatic agent-soaked cord or hemostatic agent-containing cord in the sulcus during impression making without thorough rinsing. They are all acidic and will etch teeth, open dentin tubules and cause post operative sensitivity by increasing dentin permeability.

Impression Materials

Imprint 4 [3M ESPE]

Light (71488) Syringe Pink

Heavy 71492) Tray Blue



Affinity Crystal (Clear Matrix Impression) [Clinicians Choice/Schein](#)

Identic (Regular set alginate mixed with distilled water and used for opposing and study models)
Local Supplier



My preferred crown and bridge impression material is vinyl polysiloxane.

Infection Control OSHA Compliance

Asep-Gluv (sterilizable rubber gloves used in sterilization area and operator disinfection)

[Health Sonics Corp./Local Supplier](#)

ChemSorb (Chemical spill kit)

[Health Sonics Corp./Local Supplier](#)

Barriers:

Headrest Covers Fabri-cel

Local Supplier

Tray Sleeve (covers entire instrument tray)

Pinnacle Products



Masks:

Surgical Dental

Mask (Earloop)

[3M Company](#)



Sterilant/ Disinfectant/ Cleaner:

Acetone (Pre-soak for Clean & Dry tips, then ultrasonic in distilled water, then autoclave)

Local Hardware

Birex (Germicidal detergent for inanimate surfaces)

[Biotrol International/Local Supplier](#)

Clorox Bleach (10:1 dilution used for disinfecting alginate impressions)

Local Grocery Store

Citrizyme (Ultra concentrated enzymatic evacuation cleaner and instrument pre-soak)

Local Dental Supply

Derma Scrub (Professional Creme Soap)

Jones Medical Industries, Inc.



Enzymatic Ultrasonic Cleaning Solution.

Schein Brand

Omni-Cleaner Plus (Steam autoclave cleaner)

[Pelton & Crane/Local Supplier](#)

Valo Light Sleeve Covers –

[Ultradent Corp.](#)

Sterilizers and Monitors:

Aquasafe Water Test Kit (Used to screen bacteria levels in water source)

[HPTC/Pall Corp.](#)



Maxitest Biological Monitoring System (Infection control OSHA compliance)

[Henry Schein](#)



Steam Autoclave (For all instruments)

[Pelton and Crane](#)

Hazard Communication (OSHA Compliance System)

[OSHA.org](#)

Maxiwipe LA-
Disinfecting
disposable
towelettes Henry
Schein



Isolation Aids

Dri Angles (Foil back for protection during preparation and air abrasion)
[Dental Health Products/Local Supplier](#)

I cannot practice without using **Dri Angles** to isolate the cheek to avoid cutting it.

NeoDrys (Parotid saliva control)
[Microcopy](#)

Large or small **NeoDrys** are the best way to achieve long-term isolation during cementation, build-ups and final impressions. I bend the sharp edges back so they slide more easily into the mouth.



Small Cotton Rolls - Cotton rolls cut into thirds (Smaller volume, retracts lip, not as likely to get under crowns. Used to scrub preparations before vinylpolysiloxane impressions - wipe away excess cement prior to photoactivation)
"The Struppettes"

Light Curing Protection

Veratti Bonding Eyewear - great fit
[Palmero Health Care](#)

Cure Shield (hand held)
[Premier](#)

Compo-Cover (Protects light cured materials)
[Practicon, Inc.](#)



Light Curing Unit

Valo Light - [Ultradent Corp.](#)

Broad band LED curing light

Virtuoso Sapphire
(Plasma Arc light
3 Second Cure)
[Den-Mat Corp.](#)



Triad 2000 (Light curing oven)
[Dentsply Trubyte](#)



Matrices



Palodent Plus (For contacts on posterior composite restorations)
[\(Dentsply\)](#)



Mylar Strips .002 gauge
[Sullivan-Schein Dental](#)

Omni-Matrix (Disposable matrix

retainers) - [Ultradent Corp.](#)

Toffemire Retainers with #1 .0015
Ga Bands
[Sullivan-Schein Dental Products](#)



Measuring Devices

Spring Gauge Caliper
(0-10 mm for
measuring crown
thickness)
[Miltex/Henry Schein](#)



Boley Gauge Caliper (0-100 mm for gross measurements)
[Henry Schein](#)



3 1/2 inch Dividers (for measuring VDO)
[L.S. Starrett/Jewelry Supplier](#)



Medications

Ibuprofen (Motrin), 800 mg.
(prescription only)
[Whitehall-Robins/Sullivan-Schein](#)

Valium (diazepam) 5 mg.
[Roche Products, Inc./Local Pharmacy](#)
Valium can allow patients to drive within a few hours, and doesn't result in loss of memory in the office, so it mitigates some potential legal issues.

Valtrex 500 mg. 2 x daily (same as Zovirax - fewer pills) [Local Pharmacy](#)

Metal Adhesive Primer

Alloy Primer (Replaces tin plating for all metals - can be used in the mouth)
[Kuraray USA, Inc./J. Morita](#)

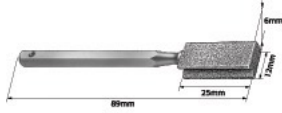


Miscellaneous

AED Plus Defibrillator (Product of the Year)
[Zoll Medical Corp](#)



Dress "n" Grind System (To sharpen dull polishing points)
[Brasseler, USA](#)



Memory Foam Chair Pad & Headrest Pillow
(Patient comfort for long appointments)
[Crescent Product](#)



Nu-Block
(Disposable U-Shaped mouth prop that is thin & flexible)
[Efficient Dental Technologies](#)



Stainless Steel Sink Drain Screens
[Practicon, Inc.](#)

Teflon Tape– (plumbing department)
[Home Depot/Lowes/Local Hardware](#)
(Used to protect adjacent teeth during priming, etch & etc. Also used to protect implant screws in access holes)

Tooth Mould Guide
[Ivoclar Vivadent](#)

Upholstery Replacement
(Leather, ultra leather and memory foam chair replacement)
[Superior Dental Upholstery](#)

Xenolite Lead Free X-ray Apron
(Light weight /more comfort)
[DUX Dental](#)

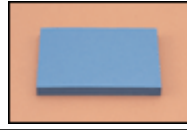


Z-Tray Tree
(Impression tray holder)
[Zimmerman Enterprises / Hanry-Schein](#)



Mixing Pads

#945 Panavia 21/F Mixing Pads
(Used for all cements and composites).
[Kuraray USA, Inc./J. Morita](#)



Mouthguard Material

ProForm Laminates Mouthguards
(Clear and Multicolor)
[Dental Resources/Local Supplier](#)



The ProForm football mouthguard is excellent, as is the ProForm vacuum-adapting machine.
Sof-Tray Sheets 0.035 and 0.060 thickness.
[Ultradent Products](#)



0.035 is used for bleach & fluoride trays, some night guards and preparation guides. It is also worn by patients with multiple preps during tissue retracted phase and during provisional fabrication. 0.060 is used for night guards for excessive bruxers.

Occlusion Foil

Shimstock Occlusion Foil (Metal foil used to check occlusion and to prevent cement from bonding to adjacent teeth when using resin cement)



[Almore International, Inc.](#)

Occlusion foil is used to measure occlusion on restorations during try-in, as well as to check contacts in the lab. It can be tacked down with *Opal Dam* to protect adjacent teeth and restorations from air abrasion.

Photography

CAMERAS (DIGITAL)

Canon 5d (Used for all intra oral photography)
Canon macro Lens EF 100mm 1:2.8

Canon Macro Twin Lite MT-24EX Twin Flash



Canon MR-14EX II Macro Ring Lite
[Canon USA](#)

INTRAORAL GLASS PHOTOGRAPHY MIRRORS

Chromium - [PhotoMed International](#)
Rhodium - [EMF Corporation](#)

LIP SPREADERS

Cheek Retractors
[Practicon Dental](#)



OptraGate - (Disposable lip and cheek retractor)
[Ivoclar Vivadent](#)



Polishers and Finishers (Intra-Oral)

Shofu OneGloss Cups and Points



(For polishing hybrid composites, prepolish for temporaries and for the final touch of the prep)

Zircon-Brite Polish (Diamond polishing paste for composite and porcelain)



Midgets - White #4782 & Green #4582 (For final polishing of gold and porcelain) [Dedeco](#)

Intra-Oral Dialite Porcelain Adjustments Polishing Kit #K000010
Step 1 Blue Dialite™, (reduce polish)
Step 2 Pink Dialite™, (prepolish)



Step 3 Gray Dialite™, (high shine)

Brassler USA

Posts

Diamond Hand Reamer #196D-050
(Used to scratch the walls of the post space to increase retention)
Komet-Brasseler

Para Post XP-Titanium Alloy Para Post XP System (Burnout casting posts)
[Coltene-Whaledent International](#)



Peeso Reamer Right Angle #1-6, Stainless Steel, 32mm
[Miltex, Inc.](#)

On the rare occasions when I place posts, I use Coltene-Whaledent products.

Protective Eyewear

Foamies
[Henry Schein](#)



Wraparound disposable PET lens used to prevent splatter & dust from entering the patients eyes. Size large tinted recommended.

Preparation Protection

Masque- (Water soluble lubricant used to slather crowns prior to cementing with resin composite luting cement)



[H.J. Bosworth/Local Supplier](#)

Masque is preferable to Vaseline, because Masque will not stick to the surface of the tooth and tissue, and is easier to rinse off.

Opal Dam (Light cured resin dam material)

[Ultradent](#)



Products Dispensed from 3 cc Syringes with Color Codes

Hemodent 3M ESPE - Red

Pure 4% CHG [Best Buy Discount](#)

[Dental Supply](#) - White

Na OCl [Clorox] - Orange

Isolit Degudent - Yellow

Grain Alcohol Everclear - Black

Tubulicid Red Temrex - Blue

Super Seal [Best Buy Discount Dental Supply](#) - Green

Cari-D-Tect [Best Buy Discount Dental Supply](#) - No color code

Retraction Cord

#7 *Siltrax Epi Retraction Cord*
[Pascal Company, Inc./Local Supplier](#)

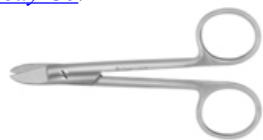


Only place one cord; remove cord before injecting *Light Body* with healthy tissue; remove cord after injecting *Light Body* with unhealthy tissue, then reinject.

Siltrax is one of the best retraction cords on the market. It must be soaked in *Hemodent* [3M ESPE] and immediately rinsed after placement to avoid systemic epinephrine reactions.

Scissors

Crown & Bridge 4" Curved
[Hu-Friedy Co.](#)



Ultra Trim (Vinyl scalloping scissors for bleach & flouride trays)
[Ultradent Products, Inc.](#)



Sealants

GC Universal Flo -GC America



I prefer flowable resin composites to use as sealants.

Separating Agent

DVA Acrylic and Plaster Separator
(Used as a separator between model and acrylic for indirect temporaries)



[Dental Ventures of America](#)

DVA Acrylic and Plaster Separator is one of the three materials we use to separate acrylic from a model.

Isolit (Releasing agent for direct paint- in temporaries and die lubrication)
[Degussa Dental, Inc.](#)

Isolit is the die lubricant used in my lab.

Ultrasep™ III Mold Release (Spacer to compensate acrylic shrinkage for indirect temporary technique) (Ultradent) occasionally used as a separating agent in making temporaries for excessively retentive cases.



Shims

Ellman Press Form Kit .030 Sheets
(For making shims for temporaries)
[Ellman Dental Mfg. Co.](#)

The *Ellman Press Form Kit* is used for making shims when a few temporaries, up to a quadrant, are being made. When making more than a few units, sheets are vacuum-adapted.

Storage Containers



Model Boxes (Double White) – [Sycom](#)

Poly-Cons 4 oz. (Plastic containers with attached lids to store measured alginate)

[Markson Science](#)

Sample Jars 8 oz. (With screw caps to store measured stones)

[Markson Science](#)



Syringes

Centrix Syringes

S/Class - Stainless Steel (Used for injecting cores and easy to express materials)

[Centrix, Inc.](#)

The *S/Class* is the finest syringe on the market for injecting core paste with *Needle Tubes*.

3 cc Syringes - With Inspiral Brush Tips, Blue Micro Tips, or Blue Mini Dento-infusor Tips (delivery systems for multiple materials, recommended for a wide variety of uses)

[Best Buy Discount Dental Supply](#)



Syringe Filling Bottles

Plastic Bottles (Luer lock tops for filling 3 cc Syringes)

[Best Buy Discount Dental Supply](#)

Syringe Tips

Blue Mini Dento Infusor Tip

(Use on a 3cc syringe with Tubulicid Red)

[Ultradent](#)



Inspiral Brush Tips

Use on a 3cc syringe with 4% CHG

[Ultradent](#)



Multipurpose 18 Ga. Pink Tips for DeOx [Schein](#)

Tapes Storage Containers

Vinyl electrical tape (Various colors for identifying 3 cc Syringes)

Local hardware store

Toothbrush

End-Tuft Toothbrush (For general scrubbing and cleaning crown preparations prior to sealing and impressions)

Butler Co.

The *End-Tuft Toothbrush* is used on virtually every case in my office to clean up before impressions. In addition, it is given to patients for home care. The end of the brush should be bent to facilitate access to the distal aspect of second molars.

Torque Driver Set

Set DIA-250 (Used on implant screws and Johnson Screw Attachment)

Nobel Biocare Company

Tray Cleaner

Green Envy Tray Cleaner (For removing alginate) – *Whip Mix Corp.*



Tray cleaners facilitate cleaning of alginate from trays without scratching (saves money).

Trays (Custom)

ProCure Custom Tray (Light-cured composite wafer)

Dental Resources, Inc.

Custom trays are made for almost every master impression in my office.

Trays (Stock)

Tray Away – *Bosworth*

Stock trays are used for temporary impressions and occasionally for single units, although custom trays are preferred.

Trays (Perforated)

Rim-Lock Perforated Tray (Stainless steel for alginates)

Coe/Local Supplier

Vacuum System

Shock 'ta' Clear (Highly concentrated vacuum cleaning and decontaminating

tablets; facilitates removing “age old” accumulations from operatory lines)

[*Palmero Health Care*](#)

Vac-K 'ta' Clear (Weekly time-released maintenance, cleaning and decontaminating tablet)

[*Palmero Health Care*](#)

Vac Attack Premier (Daily vacuum line cleaner)

[*Sullivan-Schein Dental Products*](#)

Vacuum Tips

Soft-Tip Plastic Screen (Fits high volume aspirators; prevents one from grabbing the tongue, cheek, soft tissue and catches uncemented restorations)

Quality Aspirators

The *Soft-Tip screen* is a significant aid for dental assistants.

Vent-O-Vac (Short disposable high speed suction tips)

[*Young Dental Mfg. Co./Local Supplier*](#)



Vision Enhancers

Loupes 4.5x and 6x, 8x with 14" focal length; almost all focal lengths available. – [*Designs for Vision, Inc.*](#)

LED Cordless Lights

[*Designs for Vision, Inc.*](#)



Wax

Almore Wax (For making wax sticks)
[*Almore International Inc.*](#)



TruWax Baseplate Wax, Extra Hard (Used to check occlusal clearance)

[*Dentsply*](#)



Utility Wax - Round Strips (Used to hold crown for shade verification)

Local Supplier

Wax Stick Mold

Peripheny Wax – blue by Surgident



Wedges

Palodent Plus Wedges
(*Palodent*)



I use wedges for direct restorations, which are done infrequently in my office.

Wedge Wands (Ultra thin wedge with handle)

[*Garrison Dental Solution*](#)



DENTAL HYGIENE MATERIALS LIST

Desensitizers

PreviDent 5% Sodium Fluoride Varnish – (applied with applicator brush)
[Colgate](#)



Teethmate Desensitizer – Post prophylaxis root sensitivity
Kurraray/Schein/Local Supplier

Electric Toothbrush

3-D Braun Toothbrush – [Oral-B](#)



Floss Dispenser

Pure Floss Dispenser



Floss

Glide Floss – [Proctor & Gamble](#)



Satin Floss – [Oral-B](#)

Waxed & Unwaxed – [Johnson & Johnson](#)

Reach Woven Fluoride Floss – [Johnson & Johnson](#)

Gum Expanding – [Butler Co.](#)



Floss Threaders

EEZ-Thru Floss Threaders – [Butler Co.](#)



Glide Threaders – [Oral-B](#)

Superfloss – [Oral-B](#)



Fluorides

IN OFFICE

Neutra-Foam 2.0% – [Henry Schein](#)



FOR HOME CARE

PreviDent Gel – [Colgate](#)



PreviDent Booster Plus 5000 – [Colgate](#)



PreviDent Rinse – [Colgate](#)



Handpiece

Midwest RDH – [Henry Schein](#)



Cordless Handpiece Nupro- [Freedom](#)



Handpiece Lubricants

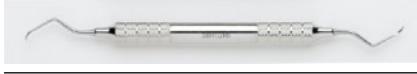
Super Lube (Prophy angle)

[Young Dental Mfg./Local Supplier](#)



Instruments

Barnhart Curette #1/2 [Hufriedy](#)



Curettes – Gracey 1/2, 11/12, 13/14, 17/18



Sickle Scaler – H6/H7



Curved Sickle – 204S



Perio Probe – 23/OW – [Hu-Friedy](#)

Probe for Furcations 2N – [Hu-Friedy](#)
Graphite Implant Scalers – [Premier](#)

Universal Implant Scaler TISL5/6 – [Brasseler](#)



Mouth Mirror - [Zirc](#)



Cavitron Bobcat Pro Ultrasonic Scaler – [Henry Schein](#)



Ultrasonic Scaler- [Ultrasonic Services, Inc](#) - [USI](#)

Swivel Ultrasonic Inserts- [Henry Schein](#) - #10 Universal



[Henry Schein](#) #100 Thin
USI- Ultrasonic Scaler [Houston, TX](#)



Loupes

Loupes 2.5x with 14" focal length; almost all focal lengths available. – [Designs for Vision, Inc.](#)



Prophy Angle

Vantage Autoclavable – [Local Supplier](#)



Contra Elite Flex (Young disposable prophy angles) – [Local Supplier](#)



Prophy Cup

Denco Blue, Webbed – [Waterpik Technologies](#)

Prophy Paste

Enamel Pro – [Premier](#)

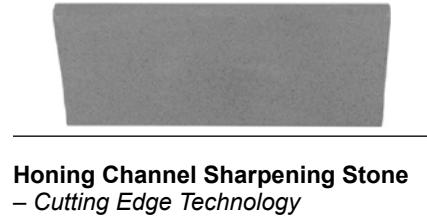


Nupro – [Dentsply](#)



Sharpening Stones

Ceramic Stone – (Med. Grit) – [Hu-Friedy](#)



Toothbrushes

DenTek Dual Action Cleaners micro-sized pick and interdental brush – [Dentek](#)

End Tuft Toothbrush – #308 – [Henry Schein](#)



Sulcular Toothbrush – #210 --[Butler Co.](#)

Go Betweens – [Butler](#)



Rubber Tip Stimulator – [Butler Co.](#)



Soft Picks – [Butler](#)



Piksters Interdental Brushes – [Henry Schein](#)



Technique Toothbrush Butler
Compact (soft), Full (Soft) & Youth
– [Henry Schein](#)



Oral B Compact 35 Sensitive
– [Oral B](#)



Topical Anesthetics

Cetacaine Liquid – [Henry Schein](#)



Ultracare – [Ultradent Products, Inc.](#)



Ultrasonic Cleaners

Tartar & Stain Remover –
[Sullivan-Schein](#)

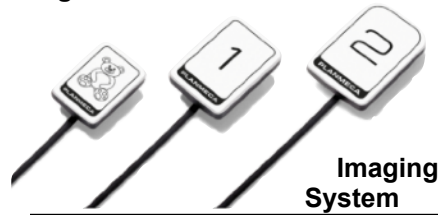
Ultrasonic Solutions

Brite Shield – (Instrument cleaning
presoak
[Premier](#)



X-Rays

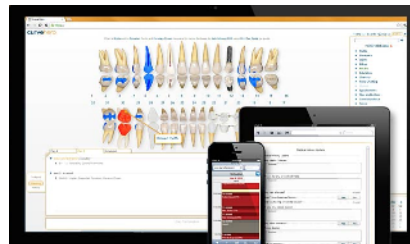
Planmeca Prosensor HD
Digital



Rinn XCP.ORA (Ring and Arm
System)

Software

Curve Dental Management Software. is a cloud-based application for dental group practices. The information is fully secure as Curve Dental manages all backup and security at their end, ensuring that practices do not have to worry about upgrades or server maintenance



LABORATORY MATERIALS LIST

Acrylic Resin

Pi-Ku-Plast - [Bredent/USA](#)

(Used for connecting verification jigs and custom abutments for implants)



Arti-Foil Red – [Patterson Dental](#)

Attachments

(For Restorative Prosthetics)

P-D Attachment - [Dental Distributors, Inc.](#)

Neoss Implant System
(Neoss)

Die Base Separator

Iso-Fix - [Renfert/Denerica Dental Corp](#)

Die Hardner

Hardening Bath – [Renfert/Zahn Dental](#)

Die Spacer

(for painting dies to allow room for cement)

Pro-Art – [Ivoclar](#)

Adhesives

Insta-cure (for gluing dowel pins)

[Devine Dental Supply](#)

Supplier: [Americana Dental, Inc.](#)

Zapit (for filling in undercuts on dies)

[Dental Ventures of America](#)



Johnson Screw Attachment

(for segmenting fixed cases rigidly)

Manual available through [Predictable Dentistry Seminars](#)

Die Space Remover

Pretty Nails Instant polish remover –
[Local Drug Store](#)

Die Saw

Die Saw Disc (H333C-450) (separate dies)
– [Horico/Pfingsst & Co.](#)



Air Abrasive Unit

Basic Quattro IS (instant stop)

[Renfert/Denerica Dental Corp.](#)

Articulators

Balance Articulator - [Almore International, Inc.](#)



Ultri-Mate Articulator – [Whip Mix Corp.](#)



Articulating Ribbons

Madame Butterfly Articulating Silk

[Almore International, Inc.](#)

Block-Out Resin

(Light cured for model corrections)

[Ultradent Products, Inc.](#)

Bonding Agent

Palavit G LC Liquid

(photo cure bond agent for acrylic to composite) - [Kulzer, Inc.](#)

Brushes

Renfert Kolinski (for porcelain buildup)

[Dental Supplies Unlimited](#)

000 Red Sable Kolinski (for painting die spacer) [Dental Supplies Unlimited](#)

Saw Blades (#101-1043) (separating dies)
– [Zahn Dental Company](#)

Serrated Die Separating (#D365-450) (for refractory) – [Axis/Sullivan Schein](#)

Disclosure Powder

Quick Check – [Vacalon International](#)



Centric By Ney – [Dentsply](#)

Ceramic Primer

Clearfil Ceramic Primer #2250KA

(Used for priming zirconia restoration prior to cementation. It has a molecule that works with zirconia)

[Kuraray USA, Inc.](#) /
[Local Supplier](#)



Dowel Pins

Brass Pin USA – [Gresco Products, Inc.](#)



Reverse Dowel Pins – [Gresco Products, Inc.](#)



Dowel Pin Locators

Tunnel Mate – [Zahn Dental Company](#)

Duplication Material For Models & Dies

Elite Fast - [Zhermack](#)



Electric Waxer

Ultra-Waxer – Kerr Corp.



Waxelectric II – [Renfert USA](#)



Etching Agents

Ceram-Etch – [Gresco Products Inc.](#)



Ceramic-Etching Gel – [Gresco Products Inc.](#)

IPS Ceramic-Etching Gel – [Ivoclar Vivadent](#)



85% Phosphoric Acid – [Mallinckrodt Baker](#)

Flexible Wax Sprues

TriWax Sprue System – [Zahn Dental](#)
(for all gold restorations, 8 gauge/large, 10 gauge/medium and 12 gauge/small)

Glue Gun & Glue Sticks

Swingline – 33007 – [Local Hobby Shop/ Hardware Store](#)
(for luting models together)

Golds

High Purity 77 – [Argen Corp](#)
(inlays and onlays).

Argedent 52 SF – [Argen Corp.](#)
(ceramics, bridges, posterior single units)

Gold Burnout Oven

Vulcan 3-130 (small) or 3-550 (large) – [DentsplyNey](#)



Handpiece

Hydro Air Carver – [Americana Dental](#)



K-9 Lab Handpiece – [Kavo America](#)
installation EWC 900/950, 1,000-25,000 RPMs)
K5 Plus (Knee Control) [Kavo America](#)



Impression Debubblizer

Delar Surfactant – [Delar Corp](#)
(for stone models)



• Silfact – [Gresco](#) (for refractory models)



Indexes – Incisal Edge & Facial

Platinum 85 – [Zhermack](#)



Sil-Tech Putty – [Ivoclar](#)



Investments

Follow manufacturer's recommended distilled water/liquid ratio for optimum results.

Micro Star Investment – [Jensen Dental](#)



G-Cera Vest – [GC America](#)
(Powder & liquid for refractory die material)



ISP PressVest – [Ivoclar Vivadent](#)
(For investing wax patterns for e.max in both powder and liquid form)



Silicone Spray – [Dentsply](#)
(All-purpose release agent for use on metals, many plastics, plaster, stone, amalgam and compounds)



IPS e.max Press Oven

Designed with simplicity and versatility in mind, IPS e.max is the ultimate in metal-free esthetics and strength offering high-strength materials.

Press System – [Ivoclar Vivadent](#)



Metal Finishing Burs, Wheels & Rubber Points

¼ Round, ½ Round, #700 Fissure, 274 UF Friction Grip – [Brasseler USA, Inc.](#)

CARBIDE BURS

C426XF 023, C33RFX 023, C33RFX 014, 305102 – [ColteneWhaledent](#).

WHEELS

Black Silicone, Pink High Lustre Silicone – [ColteneWhaledent](#).

LD Grinders

Ceramics/Lithium Disilicate – [Brasseler USA](#)



POINTS

Red Rubber XX12
2.0 & 3.0 Med. Black Occlusal Access Point

2.0 & 3.0 Fine Red Brown Occlusal Access Point

2.0 & 3.0 Extra Fine Green Occlusal Access Point

Pink High Lustre Silicone Point

Metal Cut Off Disk #526M –

[ColteneWhaledent](#)

Ultra Thin National Keystone – [Dental Laboratory Discount Supply](#)

Microscope With Fiberoptic Lighting

Mantis X4 – [Vision Engineering](#)

Model Trimmer

10 Inch and 12 Model Trimmers – [Whip Mix](#)



Model Sealer

Johnson Pledge FloorCare – Local Store



Mold Guides

Tru Byte Bioform and Bioblend – [Dentsply Corp./Local Supplier](#)

Misc

Stalite Solution (Special liquid solution makes harder and smoother stone models & dies) – [Buffalo Dental](#)



Super Peg II Ceramic firing support. – Harvest Dental/Zahn Dental

Polycril (Pumice alternative) created especially for acrylic and composites. – Henry Schein

Pinsetter

Pindex System—[Coltene III Laser](#) – [Coltene-Whaledent](#)



Polishing Compound

Roughe – [Zahn](#)

Porcelain

Initial Lisi (Lithium disilicate)
GC American
Gc Lustre Paste- Stain Kit

Porcelain Finishing Burs

F6 CARBIDE
170L
556L
ETUF4
6801
#35 Inverted
SLOW SPEED DIAMOND
801 Round
850 Long Round Taper
836 Flat End Cylinder
Thin Diamond Disk – [Brasseler USA, Inc.](#)

Porcelain Polishing

Zircon Brite Polishing Paste



Porcelain Finishing Wheels & Disks

Dialite Polisher
Blue – L26DBC
Red – L26DRM



Red Flame HZ DG.11 – [Brasseler USA](#)
Thin Diamond Disk
Ultra Thin Multi Purpose Abrasive Disks – [Brasseler USA](#)

Felt Wheels
Green Med. Disk (6113-200-1)
Flexible Disk (invaluable for contouring porcelain) – [Cardinal Dental Instruments](#)

Porcelain Glaze

Fine Grain Stains – Low Temp Glaze
Stain Liquid – [Dentsply Ceramco](#)
Duceram – LFC Glaze & Stain Liquid – [Dentsply Ceramco](#)

Red Handle Knife

#6 with blade #25
[Bard Parker Company a Div. of Becton, Dickinson & Co./Local Supplier](#)

Refractory Die Material

G-Cera Vest – [GC America](#)
(Powder & liquid for refractory die material)



Refractory Die Saw

Diamond Disk (H340C-450) – [Horico/Pfings & Co.](#)



Refractory Marking Pencil

J.H.T. Marking Pencil – [Whip Mix Corp.](#)

Sand For Sandblaster

50 micron aluminous oxide (for divesting and abrading metal framework) – [3R Mineral & Mfg. Co.](#)
Rolloblast 50 micron glass beads (for divesting refractory material and abrading the indaglio of provisionals)

Scales

OHAUS Electronic C305P (for weighing gold) – [Dental Laboratory Discount Supply](#)

Acculab V-3000 (for measuring stone) – [Whatman Lab Sales, Inc.](#)

Soft Tissue Models

Gingifast Rigid – [Zhermack](#)



Soldering Torch

Metalor Soldering/Casting Torch Kit

Steamer

Steaman Constant – [Bar Instruments](#)

Stones

Snap-Stone - fast setting stone
(26 ml Stalite to 100 gr stone–for indirect temporary model) – [Whip Mix Corp./Local Supplier](#)



ResinRock

(50 gms stone/10 cc distilled water–for all dies and opposing models) – [Whip Mix Corp./Local Supplier](#)



Die-Stone Peach (for die bases & dentures)

(150 gms stone/34 cc water) – [Modern Materials/Americana Dental.](#)

White Mounting Stone (all mountings)
(26 cc water to 100 gr stone) – [Whip Mix Corp./Local Supplier](#)

Vacuum Investor

Multivac – [Dentsply/Whip Mix Corp.](#)

Waxes

(For Crown and Bridge Work)
Pico Sticky Wax – [Denerica Dental Corporation](#)
Pink Base Plate Wax - Extra Hard – [Hygenic Dental Mfg. Co./Local Supplier](#)
Solid Rope Wax (for spruing ceramic golds, 6, 8 and 10 gauge) – [Local Supplier](#)

Life-Like Presentation Wax (for pre-waxing anterior cases) – [Whip Mix Corp Item #04359](#)



Yeti IQ Ash Free Sculpting Wax – H. B. Enterprises



Very Special Separator

Dental Ventures of America