Strupp/Brumm Products List 2022

Listed in this issue are the clinical products and materials that we use in our 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 we 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 Ouroffice 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 Ouroffice 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 intra-orally. 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 refini

(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

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

cutting stone)

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

DentsplyPharmeceutical/Local Supplier

Marcaine - 0.5% (1:200,000 epinephrine)

Cook-Waite /Local Supplier

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

Ourprimary 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 – <u>Best Buy Discount</u> <u>Dental Supply</u>

Tubulicid (Blue) - 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)

<u>Almore International, Inc.</u>



Wehave used silk articulating ribbons since the early days of Ourcareer. 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 IWe(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.

<u>Kuraray USA, Inc</u>./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

<u>Densply</u>



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



Weprefer Enamel Shade Core Paste as a base composite because it flows to the tooth more smoothly and is self cured. Occasionally in Class Werestorations that are medium-tolarge sized, Weuse a flowable lightcured 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



Weuse 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 Weuse 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) <u>Centrix</u>, <u>Inc.</u>



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)



<u>Microbrush International</u>. - Local Supplier

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

<u>Microbrush International</u>. - 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) - <u>Sullivan Schein</u>

Caries Detectors

Cari-D-Tect

Weuse *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 resinbased cement system for metal, composite and silanated porcelain restorations)

Kuraray USA, Inc.



Panavia 21 TC (For posts)
Kuraray USA, Inc./Local Supplier



Ourprimary 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



We us BLW 90% of the time.

We do not do many posterior composites because Webelieve they are as inferior as amalgam. Weplace 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 Weuse 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

<u>Hu-Friedy Co</u> 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 Dishs

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 rmprovements to temporaries)

Henry Schein/Local Supplier



Glass Dappen Dish (For soaking retraction cord) Henry Schein /



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 photo-activated 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) <u>Parkell</u> Inc.



Muco Hard (Quickly restore longterm comfort and stability with chairside hard relines.) <u>Parkell, Inc.</u>



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 *DCWe3-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.

DCWeTips #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% Hydroflouric 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 tryin) – *Mallinckrodt Baker*

Finishing Discs

FlexiDisc

Cosmedent, Inc./Local Supplier



Sof-Lex Sandpaper Discs <u>3M Dental Products Co</u>./Local Supplier









We 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)

Pfingst & Co., Inc./Sullivan Schein

Sof-Lex Finishing Strips (Medium, fine-slotted)

3M Dental Products Co.

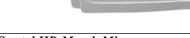


The downside to direct dentistry is that it is virtually impossible to achieve a sufficiently smooth surface on a restoration by using a strip on the interproximal surface. Wegenerally use strips only on direct composite restorations, rarely on indirect porcelain restorations. Occasionally, Weuse the fine side of a *Sof-Lex* finishing strip on an interproximal surface, but now that Ourlab 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

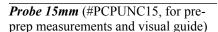
Packer #R-55 (Small; used for placing gingival retraction cord. Especially valuable in performing atraumatic cord placement. It must be thinned out for easier less traumatic core placement.)

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.

Pascal Co.



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)

<u>Miltex Instrument Co., Inc</u>./Local Supplier



Lab Handpiece (Kavo K-9 EWL) Kavo America Corp



500 Lab Handpiece



Excellent Value

The word in handpieces is *Kavo*. Weprobably 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

Retrax AC (For routine hemorrhage control and saturating epinephrine-containing Pascal #7 Siltrax cord)



Pascal International

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

We use a clear bite registration for our direct injectable composite veneer protocol.



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

Local Supplier



Ourpreferred crown and bridge impression material is vinyl polysiloxane.

Infection Control OSHA Compliance

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

<u>Health Sonics Corp./Local Supplier</u> <u>ChemSorb</u> (Chemical spill kit)

<u>Health Sonics Corp.</u>/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)

<u>Biotrol International</u>/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 – <u>Ultradent Corp</u>.

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) <u>Pelton and Crane</u>

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)

<u>Dental Health Products</u>/Local

Supplier

We 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. We 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 vinyl polysiloxane impressions - wipe away excess cement prior to photoactivation)

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-<u>Ultradent Corp.</u>

Broad band LED curing light

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



Triad 2000 (Light curing oven) <u>Dentsply Trubyte</u>



Matrices



Palodent Plus (For contacts on posterior composite restorations) (Dentsply)



Mylar Strips .002 gauge *Sullivan-Schein Dental*

Omni-Matrix (Disposable matrix



Tofflemire 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)



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 Xray Apron (Light weight /more comfort) DUX Dental



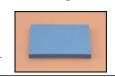
Z-Tray Tree (Impression tray holder) Zimmerman Enterprises / Hanry-Schein



Mixing Pads

#945 Panavia 21/F Mixing Pads

(Used for all cements and composites). Kuraray USA, <u>Inc</u>./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 **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 DialiteTM.(reduce polish) Step 2 Pink DialiteTM. (prepolish)



Step 3 Gray DialiteTM. (high shine)

Brasseler 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 Weplace posts, Weuse 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, be-cause 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 www.bestbuydds.com



NaOCl [Clorox] - Orange Isolit Degudent - Yellow Grain Alcohol Everclear - Black Tubulicid Blue 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 EpiRetraction 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 re-inject.

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. The white color also allows you to see if the cord is contaminated.

Scissors

Crown & Bridge 4" Curved Hu-Friedy Co.



Ultra Trim (Vinyl scalloping scissors for bleach & fluoride trays)
Ultradent Products, Inc.



Sealants

GC Universal Flo -GC America



We prefer flowable resin composites to use as sealants and small anterior bonding.

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 paintin temporaries and die lubrication) Degussa Dental, Inc.

Isolit is the die lubricant used in our lab.

UltrasepTM II 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 MiniDento-infusor Tips (delivery systems for multiple materials, recommended for a wide variety of uses)

www.bestbuydds.com



Syringe Filling Bottles

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

<u>Best Buy Discount Dental</u> <u>Supply</u>

Syringe Tips

Blue MinWeDento Infusor Tip (Use on a 3cc syringe with Tubulicid Blue 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 Our 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 Our 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 timereleased 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. - <u>Designs for Vision, Inc.</u>
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



Wedges

Palodent Plus Wedges (Palodent)

We use wedges for direct restorations, which are done infrequently in Our office. Wedge Wands (Ultra thin wedge with handle)
Garrison Dental Solution



DENTAL HYGIENE MATERIALS LIST

Desensitizers

Prevident 5% Sodium Floride
Varnish – (applied with applicator brush)
Colgate



Teethmate Desensitizer – Post prophy root sensitivity *Kuraray/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 – <u>Butler</u> <u>Co.</u>



Glide Threaders - Oral-B

Superfloss - Oral-B



Florides

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 Shein



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 – <u>Hu-Friedy</u>

Probe for Furcations 2N – <u>Hu-Friedy</u> Graphite Implant Scalers – *Premier*

Universal Implant Scaler TISL5/6 – Brasseler

Mouth Mirror - Zirc



Cavitron Bobcat Pro Ultrasonic Scaler – *Henry Schein*



Ultrasonic Scaler- <u>Ultrasonic</u> <u>Services</u>. <u>Inc</u> - USI

Swivel Ultrasonic Inserts-<u>Henry</u> Schein - #10 Universal



<u>Henry Schein</u> #100 Thin **USI-** Ultrasonic Scaler Houston, TX



Loupes

Loupes 2.5x/3.5x 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

Densco Blue, Webbed – <u>Waterpik</u> <u>Technologies</u>

Prophy Paste

Enamel Pro - Premier



Nupro - Dentsply



Sharpening Stones

Ceramic Stone – (Med. Grit) – Hu Friedy



Honing Channel Sharpening Stone
– Cutting Edge Technology

Toothbrushes

DenTek Dual Action Cleaners microsized pick and interdental brush – <u>Denteck</u>

End Tuft Toothbrush – #308 – <u>Henry</u> <u>Schein</u>



Sulcular Toothbrush – #210 --Butler

Go Betweens - Butler



Rubber Tip Stimulator - Butler Co.



Soft Picks - Butler



Piksters Interdental Brushes – <u>Henry Shein</u>



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

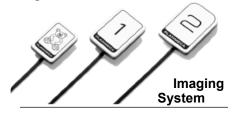
Ultrasonic Solutions

Brite Shield – (Instrument cleaning presoak <u>Premier</u>



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)



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



Air Abrasive Unit

Basic Quattro IS (instant stop) Renfert/Denerica Dental Corp.

Articulators

Balance Articulator - Almore International, Inc.



Ulti-Mate Articulator – Whip Mix Corp.



Articulating Ribbons

Madame Butterfly Articulating Silk Almore International, Inc.



Arti-Foil Red - Patterson Dental

Attachments

(For Restorative Prosthetics) P-D Attachment - Dental Distributors.

Neoss Implant System (Neoss)



Johnson Screw Attachment

(for segmenting fixed cases rigidly) Manual available through **Predictable Dentistry Seminars**

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 KolinskWe(for porcelain buildup) <u>Dental Supplies Unlimited</u> 000 Red Sable KolinskWe(for painting die spacer) Dental Supplies Unlimited

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



Die Base Separator

Iso-Fix - Renfert/Denerica Dental Corp

Die Hardner

Hardenting Bath - Renfert/Zahn Dental

Die Spacer

(for painting dies to allow room for cement)

Pro-Art - Ivoclar

Die Space Remover

Pretty Nails Instant polish remover -Local Drug Store

Die Saw

Die Saw Disc (H333C-450) (separate dies) Horico/ <u>Pfingst & Co</u>.



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

Dowel Pins

Brass Pin USA - Gresco Products, Inc.



Reverse Dowel Pins – <u>Gresco Products</u>, <u>Inc</u>



Dowel Pin Locators

Tunnel Mate - Zahn Dental Company

Duplication Material For Models & Dies

Elite Fast - Zhermack



Electric Waxer

Ultra-Waxer - Kerr Corp.



Wax electric- Renfert USA



Etching Agents

Ceram-Etch - Gresco Products Inc.



Ceramic-Etching Gel – <u>Gresco Products</u>

IPS Ceramic-Etching Gel – <u>Ivoclar Vivadent</u>



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 – <u>Argen Corp</u> (inlays and onlays). **Argedent 52 SF** – <u>Argen Corp.</u> (ceramics, bridges, posterior single units)

Gold Burnout Oven

Vulcan 3-130 (small) or 3-550 (large) – Dentsply*Ney*



Handpiece

Hydro Air Carver – <u>Americana Dental</u>



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 – <u>Delar Corp</u> (for stone models)



• Silfact – <u>Gresco</u> (for refractory models)



Indexes – Incisal Edge & Facial

Platinum 85 – Zhemack



Sil-Tech Putty - <u>Ivoclar</u>



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 - <u>Ivoclar Vivadent</u>



Metal Finishing Burs, Wheels & Rubber Points

1/4 Round, 1/2 Round, #700 Fissure, 274 UF Friction Grip – <u>Brasseler USA, Inc.</u>

CARBIDE BURS C426XF 023, C33RXF 023, C33RXF 014, 305102 – ColteneWhaledent.

WHEELS
Black Silicone, Pink High Lustre
Silicone – ColteneWhaledent.

LD Grinders Ceramics/Lithium Disilicate — <u>Brasseler</u> 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 – <u>Dentsply Corp</u>./Local Supplier

Misc

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



Super Peg IWeCeramic firing support. – Harvest Dental/Zahn Dental

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

Pinsetter

Pindex System—Coltene IIWeLaser – Coltene-Whaledent



Polishing Compound

Roughe - Zahn

Porcelain

Initial LisWe(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 – <u>Brasseler USA</u>, Inc.

Porcelain Polishing

Zircon Brite Polishing Paste



Porcelain Finishing Wheels & Disks

Dialite Polisher Blue – L26DBC Red – L26DRM



Red Flame HZ DG.11 – <u>Brasseler USA</u> Thin Diamond Disk Ultra Thin MultWePurpose Abrasive Disks – <u>Brasseler USA</u>

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/ *Pfingst & 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 prewaxing anterior cases) – *Whip Mix Corp Item #04359*



YetWeIQ Ash Free Sculpting Wax – *H. B. Enterprises*



Very Special Separator

Dental Ventures of America