



BUYING GUIDE

The Best Products for 2020

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Every year Clinicians Report publishes an annual guide of many of the best products for the upcoming year based on evaluations from the previous twelve months. The products presented in this report have been through rigorous, independent, non-manufacturer-sponsored evaluation and testing. CR conducts research at three levels:

1. Product evaluations among 450 clinical evaluators worldwide in their own offices
2. Controlled long-term clinical research completed by TRAC Research, the human studies section of CR
3. Basic science laboratory testing

Products listed in this Buying Guide have been evaluated by the CR Science Team and CR Clinical Evaluators. Each product in this report is color-coded to identify why it has been included in this listing. Products that are not listed may not have been tested this year, may still be in testing, or were not among the highest rated. **For many other excellent products not mentioned, please review previous CR Buying Guides and Clinicians Reports at www.CliniciansReport.org.**

PROVEN PRODUCTS

are listed alphabetically and in red. These products have been determined by research and long-term clinical use and are commonly used and generally accepted by CR Evaluators. New products are often compared to them. Some categories may not list proven products.

HIGHLY RATED NEW PRODUCTS

are listed alphabetically and in blue. They were identified by in-house science evaluations and CR Evaluator use *during 2019*. Only products with an overall grade of 3.0 or higher (4.0 highest) and an Evaluator recommendation of 70% or greater are included.

— THIS IS NOT AN ALL-INCLUSIVE LIST OF SUCCESSFUL DENTAL PRODUCTS —

ANESTHETICS AND ACCESSORIES

Delivery Aids (Syringes)

Proven Products:

- CompuDent, Milestone Scientific
- DentalVibe, BING Innovations
- VibraJect, VibraJect



Pike Anesthetic Syringe, Practicon

Precision-made anesthetic syringe with **unique harpoon design** that prevents the stopper from coming out of the anesthetic cartridges when retracting for aspirating or unloading.

\$58/Syringe

See also Clinicians Report June 2019

Local Anesthesia

Proven Products:

- Articaine, Various Companies
- Bupivacaine, Various Companies
- Lidocaine, Various Companies
- Mepivacaine, Various Companies



Septocaine (Proven Product), Septodont

This articaine brand was **listed by over 40% of CR Readers as a product they "Can't Live Without."**

Proven somewhat more effective than lidocaine and not to cause paresthesia more than lidocaine, which was an initial allegation.

\$61/Box of 50

See also Clinicians Report August 2019

DENTAL PUBLIC HEALTH

See Equipment: Dental Delivery Units, Portable (page 3)

DIAGNOSIS AND TREATMENT PLANNING

Cameras: Clinical and Accessories

Proven Products: Single Lens Reflex and Point and Shoot

• Various Models from the following companies:

- CliniPix
- Lester A. Dine
- Dental Learning Centers
- PhotoMed



LED Light Panel, Lester A. Dine

LED background light for **shadow-free portrait and profile photography**. It eliminates typical shadows usually located around the head of the person having flash photography.

\$699/Light

See also Clinicians Report January 2019

Caries Detection

Proven Products: Caries Detection Equipment

- CamX Spectra Caries Detection Aid, Air Techniques
- Logicon, Carestream Dental
- Microlux Transilluminator, AdDent
- SoproCARE and SoproLIFE, Acteon Group

Transillumination

See also Clinicians Report April 2019: “Transillumination and Caries Detection”

Proven Products:

- DEXIS CariVu, KaVo Kerr
- Microlux Transilluminator, AdDent



Microlux 2 Transilluminator (Updated Proven Product), AdDent

Cordless, lightweight, bright LED, transillumination light with various tips: 2mm, 3mm, interproximal fiber, endo, and others.

\$298/Device

See also Clinicians Report April 2019

Vital Signs Monitoring

See also Clinicians Report January 2019: “Patient Vital Signs Monitoring: Necessary or Not?”

Proven Products:

- eQuality 506DN, Criticare Technologies
- Various models, Omron



10 Series BP7450 (Updated Proven Product), Omron

High quality, consumer-grade, upper arm cuff blood pressure and heart rate monitor is **excellent for routine screening**. (Similar to BP786 model tested.)

\$100/Device

See also Clinicians Report January 2019



eQuality 506DN (Updated Proven Product), Criticare Technologies

Professional grade monitor for blood pressure, heart rate, and pulse oximetry. **Excellent accuracy and consistency** for monitoring throughout treatment (surgery, fragile patient, nitrous oxide, general anesthesia, etc.).

\$1,639/Device

See also Clinicians Report January 2019



IP900AP, Innovo Medical

Stand alone finger tip pulse oximeter displays SpO₂, heart rate, plethysmograph, and perfusion index. **Accuracy and speed of detection similar to professional oximeters.**

\$27/Device

See also Clinicians Report January 2019

ENDODONTICS

Apex Locators

Proven Products:

- Foramatron, Parkell
- Root ZX II and Root ZX Mini, Morita USA



Root ZX II (Proven Product), Morita USA

This well-established apex locator was **listed by over 40% of CR Readers as a product they “Can’t Live Without.”** Also available in Root ZX Mini.

\$1,025/Unit

See also Clinicians Report August 2019

Files

Proven Products:

- EdgeFile, EdgeEndo
- Endo-Eze, Ultradent
- EndoSequence CM-NiTi, Brasseler USA
- GT Series X, ProFile, ProTaper, and WaveOne Gold, Dentsply Sirona
- HyFlex, Coltene
- K-Files, Roydent and others
- SafeSider, EDS (Essential Dental Systems)
- TF Twisted, KaVo Kerr



OneFile G Reciprocating File, Pac-Dent

High-quality, **inexpensive** reciprocating endodontic file. Effectively shapes canals in reciprocating motion. **Compatible with all reciprocating handpieces.**

\$9.97/File

See also Clinicians Report October 2019

Irrigation and Accessories

See also Clinicians Report March 2019: “Endodontic Irrigation: Is Your Current Method Adequate?”

Proven Products: Irrigating Solutions

- Chlorhexidine 2%–4%, Various Companies
- EDTA 17%–18%, Various Companies
- Sodium Hypochlorite 3%–8%, Various Companies

Proven Products: 2-in-1 Final Irrigating Solutions

- Irritrol Two-in-One, EDS (Essential Dental Systems)
- Qmix 2in1, Dentsply Sirona
- SmearClear Mix, KaVo Kerr
- SmearOFF 2-in-1, VISTA Dental Products

Proven Products: Accessories

- EndoActivator, Dentsply Sirona
- NaviTip, Ultradent

Obturation

See also *Clinicians Report* June 2019: "Obturation in Endodontics: Are Newer Techniques Better?"

Proven Products:

- Carrier-Based Obturation, Various Companies
- Cold Lateral Condensation, Various Companies
- Single-Cone Obturation, Various Companies
- Warm Vertical Obturation, Various Companies

EQUIPMENT**Carts****Doctor Specialty Rapid Cart, Ergonomic Products**

Cart designed to **contain all equipment and supplies for specific procedures**. Capacity supports two or three devices as well as a broad work surface for procedure delivery.

\$959/Cart (white corian top)

See also *Clinicians Report* June 2019

Dental Delivery Units, Portable

See also *Clinicians Report* April 2019: "Are You Equipped for Humanitarian Dental Service?"

Proven Products: Compressed Air Units

- Explorer Portable Unit (\$1,950), Safari Dental
- PAC 1 Field Unit (\$5,295), A-dec
- Portable Dental Delivery System ADU-04ST (\$4,695), Aseptico

Proven Products: Portable Chairs and Stools

- Portable Operator's Stool (\$907), DNTLworks
- Portable Patient Chair (\$1,995), Safari Dental

Proven Products: Self-Contained Delivery Units

- Express Portable Unit ADU-17 Series (\$4,695), Aseptico
- ProQuest 1 (\$8,692), DNTLworks

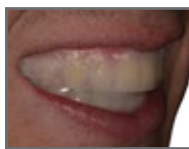
ESTHETIC DENTISTRY

See also *Prosthodontics, Fixed/Removable (page 7) and Restorative/Operative/Pediatric (page 11)*

See also *Clinicians Report* February 2019: "Tooth Whitening Concepts and Techniques Have Changed: Have You?"

Tooth Whitening: At Home**Proven Products:**

- 10–15% carbamide peroxide, Various Companies
- Opalescence Go 10% or 15%, Ultradent

**Opalescence Go 10% or 15% HP (Proven Product), Ultradent**

Pre-loaded take-home trays with acceptable flavored gel that adheres well; can talk during use if necessary; longer trays cover more teeth.

\$43/10 Tray Pairs

See also *Clinicians Report* February 2019

Tooth Whitening: In Office**Proven Products:**

- Opalescence Boost, Ultradent

IMPLANTS: PROSTHODONTICS**Attachments and Accessories****Proven Products:**

- Ball attachments, Various Companies
- ERA, Sterngold
- Locator Implant Attachment, F-Tx, and R-Tx, Zest Dental Solutions
- ORS O Rings, Implant Direct

**Dr. Schwartz's Safety Tie Instrument Leashes, Practicon**

Secure implant driver, rubber dam clamps, and other items with this unique leash that is **easier to attach than floss** and holds well.

\$1.04/Leash

See also *Clinicians Report* February 2019

**LOCATOR F-Tx System (Proven Product), Zest Dental Solutions**

Allows attachment of fixed prosthesis to four or more implants in an arch **without need to screw into implant**. Easy prosthesis placement and removal by dental professional.

\$249/Package

See also *Clinicians Report* May 2019

**LOCATOR R-Tx (Proven Product), Zest Dental Solutions**

This well-established locator was **listed by over 40% of CR Readers as a product they "Can't Live Without."** This new form is gaining popularity and has been validated by CR.

\$155/Package

See also *Clinicians Report* August 2019

Miscellaneous Implant Materials**Proven Products:**

- Liquid Magic, TAUB Products
- Teflon Tape, Various Companies

**i-Plug, AD Surgical**

Implant abutment filler (PTFE) used to **fill the screw-tightening hole in the implant for later access to tighten the screw**. It is a semi-soft, packable rod. Easily cut to size and is autoclavable.

\$3.00/Piece (1.8x50mm)

IMPLANTS: SURGERY

Implant Stability and Detection

Proven Products:

- Osstell IDX, Osstell
- Penguin RFA, Aseptico



Spotter, Forum Tech (distributed by Aseptico in North America)

Non-invasive implant-detection device **easily locates implants** that have been placed subgingival for a healing period.

\$700/Unit

See also *Clinicians Report* September 2019

INFECTION CONTROL/OSHA/EPA COMPLIANCE

Go to www.CliniciansReport.org for a list of tested and proven infection control products.

Air Purification

See also *Clinicians Report* March 2019: “Make Excellent Air Quality a Priority in Your Practice”

Proven Products:

- Phantom, Gordon Inc.



Cascade White, Surgically Clean Air

Stand-alone air purification unit with pre-filter, HEPA cell, carbon filter, UV bulbs, photocatalytic kill chamber, and negative ion generator. Three air-flow and auto-speed settings. Max air-flow rate 650 CFM.

\$6495/Cascade White (CR tested)
\$1,995–\$6,495 depending on model

See also *Clinicians Report* March 2019



Pro L, Blueair

Stand-alone air purification unit with HEPA filtration and optional add-on carbon filter. Three air flow settings, and CR measured 57% particulate removal efficiency. Max air-flow rate 660 CFM.

\$980/Pro L Unit (CR tested)
\$700–\$2,500 depending on model

See also *Clinicians Report* March 2019

Amalgam Separators

See also *Clinicians Report* November 2019: EPA Dental Amalgam Rule—Helping You Get Ready”

Proven Products:

- NXT Hg5, Solmetex
- Cyclone Amalgam Separator, Crosstex
- The Amalgam Collector, R&D Services



The Simple One, DDSHgSolutions

Separator **captures amalgam particles at each dental patient chair** or in small cabinet in operatory. 6–9 month life depending on use and particles. Additional fees for recycling program.

\$99.50/Separator

See also *Clinicians Report* April 2019

Cleaners

Proven Products:

- PUREVAC (evacuation lines), Dentsply Sirona Sultan
- Z3 Enzymatic Tablets, Benco Dental



Vac Attak GREEN, Premier Dental Products

Evacuation system cleaner designed to be **environmentally friendly** and meet EPA's clean water act. Made with neutral pH, enzymatic agents, and no oxidizing agents.

\$65.50/800-gram Container (83¢/mixture)

See also *Clinicians Report* November 2019

Eyewear, Patient Protective

Proven Products:

- Googles Eye Shields, KaVo Kerr
- P.A.L. (Protect-A-Lens), AllPro
- Rollens, Rollens



CCCES Glasses, CCCES Glasses

High-quality, effective **patient protective eyewear**. Made from material commonly used in military eyewear applications, with scratch- and projectile-resistant lenses.

\$17 Each

See also *Clinicians Report* November 2019

Gloves, Exam and Surgical

See also *Clinicians Report* July 2019: “Exam Glove Comparison: Polychloroprene, Nitrile, and Latex”

CR Note: *There are many proven gloves.* Use of nitrile and/or polychloroprene is encouraged because of potential latex sensitivities. See also “Infection Control” at CliniciansReport.org.



Micro-Touch Denta-Glove, Ansell

Polychloroprene glove with **excellent ratings for tear resistance** and excellent–good ratings for grip and tactile sensitivity, and ease of donning. Excellent–good overall rating.

15.3¢/Glove

See also *Clinicians Report* July 2019



Posi-Prene Edge (Updated Proven Product), Clinical Supply Company

Polychloroprene glove with **excellent ratings for tear resistance** and excellent–good ratings for grip and tactile sensitivity, and ease of donning. **Low cost** and excellent–good overall rating.

9¢/Glove

See also *Clinicians Report* July 2019



Reflection, SmartPractice

Polychloroprene glove with **excellent ratings for tear resistance** and excellent–good ratings for grip and tactile sensitivity, and ease of donning. Excellent–good overall rating.

10.5¢/Glove

See also *Clinicians Report* July 2019

Sharps Disposal

See also *Clinicians Report* September 2019: “Sharps Injuries and OSHA: Don’t Get Stuck!”

Proven Products:

- Encapsulated prior to disposal, Isolyser/SMS by WCM
- Special waste pick-up service/mail back option, Sharps Compliance and Stericycle

Uniforms

Proven Products:

- Clinic Jacket, Prosafe Products
- Safewear Hipster Jacket, Medicom



Safewear Hipster Jacket (Updated Proven Product), Medicom

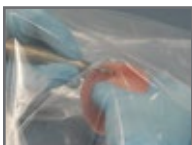
Disposable clinical jacket that is attractive, comfortable, and meets CDC guidelines for professional protection.

\$2.23/Jacket

See also *Clinicians Report* January 2019

LABORATORY TECHNOLOGY

Chairside Adjusting/Finishing/Polishing



Dust-X, Yates Motloid

Disposable bag with hand holes isolates debris while adjusting dentures and prosthetics chairside. Contains the particles and aerosols generated during adjustment within the bag.

\$30/Box of 20 (\$1.50/Bag)

See also *Clinicians Report* October 2019

OCCLUSION

Proven Products:

- AccuFilm II, Parkell
- Arti-Fol, Bausch Articulating
- Madame Butterfly Articulating Silk, Almore
- Occlusal Indicator Wax, KaVo Kerr
- T-Scan Novus (digital occlusal analysis), Tekscan
- Trollfoil Articulating Foil, TrollDental



AccuFilm II (Proven Product), Parkell

This well-established, thin articulation media was listed by over 40% of CR Readers as a product they “Can’t Live Without.” Convenient dispensing.

10¢/Sheet; \$24/Five Boxes of 50 (250 Sheets)

See also *Clinicians Report* August 2019



Proxi-Chek, Microcopy

Thin articulating film (~0.8–1.2 μ m) with easy grip paper handle that can be bent to provide better access while marking interproximal contacts.

62¢/Check; \$28/Box of 45

OPERATIVE DENTISTRY

See *Restorative/Operative/Pediatric* (page 11)

ORAL AND MAXILLOFACIAL SURGERY

See *Surgery: Oral/Maxillofacial* (page 15)

ORAL PATHOLOGY

See *Surgery: Oral/Maxillofacial* (page 15)

ORTHODONTICS

Interproximal Reduction

Proven Products:

- ContacEZ IPR Strips, ContacEZ
- QwikStrip, Creative Dental Concepts



QwikStrips (Proven Product), Creative Dental Concepts

Popular interproximal finishing reduction strips are more widely available through dental distributors. Strip has depth-limiting design for safety of patient and clinician. Autoclavable and reusable.

\$82.95/10 Strips (~\$8.30/Strip)

See also *Clinicians Report* May 2019

PERIODONTICS

See *Preventive Dentistry/Oral Hygiene* (page 6)

PRACTICE MANAGEMENT

Education, Patient

See also *Clinicians Report* November 2019: “Vaping—The Wolf in Sheep’s Clothing”

Proven Products:

- ADA Brochures, ADA
- CAESY, Patterson Dental
- *Change Your Smile* 4th edition by Ronald E. Goldstein DDS, Quintessence
- *Cosmetic C&B Model (TRM.348)* and various other models, Kilgore
- DDS GP, Kick Your Apps
- *Dental Documents Booklet and Simple Patient Education Video*, Gordon J. Christensen Practical Clinical Courses
- GURU, Guru Dental
- *Stepping Stones to Success Patient Brochures*, Stepping Stones to Success



Beyond Teeth Series, Dental Lifeline Network

Patient education information provided to clinicians that includes 12 chronic disease-specific fact sheets. Teaches the connection between health conditions and dental health, such as cancer, diabetes, and heart disease.

\$15/Download

Education, Self and Staff

Proven Products:

- *CR Dentistry Update Courses and Gordon J. Christensen Clinicians Report* (monthly publication), CR Foundation
- *Coding with Confidence* (book), Dr. Charles Blair and Assoc.
- *Dental Office Medical Emergencies* (book) and *The Little Dental Drug Booklet*, Lexicomp
- *Emergency Medicine in the Dental Office* (book or video) by Dr. Stanley F. Malamed, Amazon
- *PCC DVDs, Videos, and Courses*, Gordon J. Christensen Practical Clinical Courses
- *Ultimate Cheat Sheets*, DOC’s Education



Habits of Highly Effective Investors, Monday Morning Millionaire

A summary and introduction (29 pages) ebook providing information and **teaching habits of successful investors.**

Free Online (weekly subscription available)

Intra-Office Communication



Comlite Software (Updated Proven Product), Comlite Systems

Intra-office communication made easy with lighted buttons and audible chimes displayed on Windows PC, Windows devices, and any mobile device, including tablets and phones.

Subscription starts at \$35/Month

See also Clinicians Report October 2019

PREVENTIVE DENTISTRY/ORAL HYGIENE

Bad Breath Treatments

See also Clinicians Report September 2019: “GOOD Treatment Options for BAD Breath”

Proven Products:

- Oolitt original, Elite, and Jr., Oolit Advantage
- Tooth & Gums Tonic, Dental Herb Company

Dentifrice, All Natural

Proven Products:

- Tooth & Gums Essentials, Dental Herb Company

Dentifrice, Prescription Fluoride

Proven Products:

- PreviDent 5000 Plus, Colgate Oral Pharmaceuticals



PreviDent 5000 Booster (Proven Product), Colgate Oral Pharmaceuticals

This well-established, at-home professional fluoride treatment was **listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$12.79/3.4-oz Bottle

See also Clinicians Report August 2019

Fluoride Varnish

Proven Products:

- Armuor Rx, Massco Dental, \$2.00/Patient
- Iris Varnish, Benco Dental, 78¢/Patient
- VarnishAmerica Original and White, PlakSmacker, 97¢/Patient



VarnishAmerica Original and White (Updated Proven Product), PlakSmacker

This easy-to-use and well received in-office fluoride treatment was **listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$193.49/Box of 200 (97¢/Patient)

See also Clinicians Report August 2019

Interdental Cleaners/Floss

Proven Products:

- GUM Proxabrush Go-Betweens Cleaners and Soft-Picks Advanced, Sunstar Americas
- Interdental Brushes and EasyPick, TePe Oral Health Care
- Opalpix, Ultradent
- Oral-B Glide Floss, Procter & Gamble



TePe Implant Care Kit, TePe Oral Health Care

Interdental cleaners and brushes **for implant patients to use for daily implant hygiene care.** Kit includes: Interdental brushes, toothbrush, ortho-brush, EasyPicks, and Bridge & Implant Floss.

\$20.50 Each (subscription pricing available)

See also Clinicians Report April 2019

Medicaments: Over The Counter (OTC)

CR Note: Benzocaine is contraindicated for children under two years of age due to risk of methemoglobinemia.

Proven Products: Aphthous Ulcers (Canker Sores)

- Canker Cover, DenTek
- Zilactin-B, Blairex Laboratories

Proven Products: Herpes Simplex 1 (Cold Sores)

- Abreva, GSK (GlaxoSmithKline)
- Carmex Cold Sore Treatment, Carma Labs

Proven Products: Pain Relief: Transient Soft Tissue Irritation

- Acetaminophen (e.g., Tylenol)
- Ibuprofen (e.g., Advil)

Proven Products: Temporary Pain Relief: Recurring Soft Tissue Irritation

- Anbesol Gel (20% benzocaine), Pfizer
- Orajel (20% benzocaine), Church & Dwight



PerioSpot, Dental Herb Company

All-natural soft tissue gel provides protection, soothing, and healing. **Adheres and soothes inflammation** at the site using essential oils with **antimicrobial properties.**

\$10/0.5-oz Tube

See also Clinicians Report September 2019

Oral Rinses

Proven Products:

- Crest Pro-Health Rinse (cetylpyridinium chloride), Procter & Gamble
- GUM Paroex (CHG, alcohol free), Sunstar Americas
- LISTERINE (essential oils, alcohol), Johnson & Johnson
- Peridex (CHG, alcohol), 3M
- PerioGard (CHG, alcohol), Colgate Oral Pharmaceuticals
- Tooth & Gums Tonic (essential oils, herbs), Dental Herb Company



Peridex (Proven Product), 3M

This chlorhexidine gluconate oral rinse is an excellent pre-procedural rinse, tissue conditioning rinse (two weeks prior to major treatment), and perio treatment. **Listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$28.13/64-oz Bottle; \$9.68/16-oz Bottle

See also Clinicians Report August 2019



Tooth & Gums Tonic (Proven Product), Dental Herb Company

All-natural oral rinse formulated with essential oils and herbs with proven tissue conditioning, perio treatment, and **excellent bad breath treatment**.

\$19.50/18-oz Bottle

See also Clinicians Report September 2019

Tongue Cleaners

Proven Products:

- **BreathAID Tongue Cleaner**, SaveYourSmile
- **Oolitt original, Elite, and Jr.**, OOLITT Advantage



Oolitt (top) and Oolitt Elite (bottom) (Proven Product), OOLITT Advantage

Tongue coating is the most common source of oral malodor. Daily tongue cleaning at back of tongue **removes debris and reduces odor**.

\$2–\$4/Tongue Scraper

See also Clinicians Report September 2019

Toothbrushes

Proven Products:

- **Colgate Slimsoft (manual)**, Colgate Oral Pharmaceuticals
- **Oral-B (manual and automated)**, Procter & Gamble
- **Sonicare (automated)**, Philips
- **Various (manual)**, Johnson & Johnson
- **Various (manual)**, Sunstar Americas



PRO-SYS VarioSonic Electric Toothbrush, Benco Dental

Power toothbrush with five speeds and five soft brush head options. **Cleans well while being gentle to soft tissues**.

\$40/Automated Toothbrush (dentist cost)

\$10/3 Replacement Heads

See also Clinicians Report June 2019

Ultrasonic and Sonic Scalers

Proven Products:

- **Cavitron (various magnetostrictive)**, Dentsply Sirona
- **EMS Piezon (various piezoelectric)**, Hu-Friedy
- **Integra, TurboSENSOR, and TurboVUE (magnetostrictive); TurboPIEZO (piezoelectric)**, Parkell
- **Lil' Beaver (low cost, magnetostrictive)**, Vector R&D
- **NEWTRON (various piezoelectric)**, ACTEON Group
- **Titan Blis-Sonic (sonic)**, Dental EZ



Cavitron (Proven Product), Dentsply Sirona

This well-established brand has been the U.S. leader in ultrasonics and was **listed by over 40% of CR Readers as a product they “Can’t Live Without.”** (SPS model pictured.)

\$2,764/System Package (includes 1 insert)

See also Clinicians Report August 2019

Xerostomia

CR Note: Xerostomia is a significant clinical challenge usually caused by medications. Products generally provide short-term relief of symptoms only.

Proven Products:

- **Americo Dry Mouth Nightguard System**, Great Lakes Dental Technologies
- **Biotene Products, GSK (GlaxoSmithKline)**
- **OraCoat XyliMelts**, OraHealth



Moisyn Rinse, Prisyra Oral Healthcare

Oral rinse developed to **relieve the effects of xerostomia** by lubricating and moisturizing the oral cavity. Available in small bottle for a “mist” dispensing throughout the day.

\$17.99/300-ml Bottle

PROSTHODONTICS, FIXED/REMOVABLE

Cements

See also Clinicians Report May 2019: “**Super Hero Techniques for Rescue Cementing Procedures**”

Cements: Provisional

Clinical Tip for Fixed Prosthodontics: Some clinicians prefer to select provisional cements on the basis of reducing sensitivity (*eugenol-based*). In CR tests, eugenol-based provisional cement had no significant influence on the shear bond strength of final cements after typical (*two-week*) temporary period and **with thorough cleaning of preparation**.

Proven Products:

- **ClearTemp LC (veneer only resin)**, Ultradent
- **E.T.C. (resin, non-eugenol)**, Parkell
- **NexTemp (resin, non-eugenol)**, Premier Dental
- **Temp-Bond NE and Temp-Bond Clear (zinc oxide with or without eugenol)**, KaVo Kerr
- **TempoCem (zinc oxide with or without eugenol)**, DMG America



Temp-Bond (Proven Product), KaVo Kerr

This well-established, low-cost zinc oxide eugenol provisional cement was **listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$114/Kit

See also Clinicians Report August 2019

Cements: Resin Adhesive (with Separate Self-Etch Primer)

Proven Products:

- **C&B-Metabond Quick!**, Parkell
- **Multilink Automix**, Ivoclar Vivadent
- **Panavia F2.0 and V5**, Kuraray Noritake Dental
- **RelyX Ultimate**, 3M



C&B-Metabond Quick! (Updated Proven Product), Parkell

Resin cement (*4-META chemistry*) for salvage of difficult cases such as short or overly tapered crown preparations or to re-cement prostheses or posts that repeatedly loosen. **Clinically proven bond to tooth, metal, ceramic, and all dental resins**.

\$443/Kit

See also Clinicians Report May 2019

Cements: Resin-Modified Glass Ionomer and Similar

Proven Products:

- Breeze RMGI, Pentron
- GC FujiCEM 2 and GC Fuji PLUS, GC America
- Nexus RMGI, KaVo Kerr
- RelyX Luting Plus, 3M



CALIBRA BIO, Dentsply Sirona

Bioceramic luting cement (*calcium aluminate and glass ionomer*) with triturator mix and **promoted for zirconia**. Favorable characteristics include: easy cleanup and minimal post-operative sensitivity.

\$106.50/14 Capsules (\$7.60/Capsule)



RelyX Luting Plus (Proven Product), 3M

This well-established RMGI Cement was **listed by over 40% of CR Readers as a product they "Can't Live Without."** Helpful tack cure is a desired feature of this cement.

\$105/Trial Kit

See also Clinicians Report August 2019

Cements: Resin, Self-Adhesive

Proven Products:

- Calibra Universal, Dentsply Sirona
- G-CEM LinkAce, GC America
- Maxcem Elite and Maxcem Elite Chroma, KaVo Kerr
- Panavia SA Cement, Kuraray Noritake Dental
- RelyX Unicem 2, 3M
- SpeedCEM Plus, Ivoclar Vivadent



TotalCem, Itena Clinical Products

Resin cement with self-adhesive and dual-curing chemistry. Easy cleanup after 3-second light cure and **less expensive than many popular brands**.

\$120/8-gram Syringe (\$23.77/ml)

See also Clinicians Report March 2019

Core Build-Ups and Accessories

Proven Products:

- Absolute Dentin, Parkell, \$4.41/ml
- Build-it FR, Pentron, \$7.09/ml
- CompCore AF SyringeMix Stack, Premier Dental, \$13.20/ml
- Core Paste XP, DenMat, \$8.40/ml
- Gripper Soft Copper Bands, Parkell, 88¢/Band
- MultiCore, Ivoclar Vivadent, \$9.50/ml



Absolute Dentin LV (Updated Proven Product), Parkell

Dual-cure core composite with lower viscosity and **shorter working time than previous formulation**. Available in white or tooth shade.

\$62/5-ml Dual-barrel Syringe (\$12.36/ml)

See also Clinicians Report November 2019



Predicta BioActive Core, Parkell

Dual-cure core build-up composite is easy to use and **cuts easily when cured**. Available in either white or tooth shade.

\$70/5-ml Dual-barrel Syringe (\$13.99/ml)

See also Clinicians Report October 2019

Crowns, Ceramic

See also Clinicians Report July 2019: "IPS e.max: Maximizing its Potential and Preventing Failures" and July 2019: "New Crown Classification System Arises from Zirconia Changes"

CR Note: Original BruxZir was 3Y (3 molar percent yttrium oxide—Class 5). 3Y zirconia gives best chance of long-term durability. Original translucent zirconias were 7Y and experienced breakage and have been phased out. Newest esthetic zirconias are 5Y or a combination of 6Y, 5Y, 4Y and 3Y (Class 4). Zirconia formulations are in transition. Thin crowns of 5Y—Class 4 zirconia can fracture if cut aggressively (*adjustment before cementation, endo access, etc.*).

Proven Products:

- ArgenZ (zirconia), Argen
- BruxZir Shaded (full-strength zirconia), Glidewell
- CZR Press (pressed ceramic), Kuraray Noritake Dental
- IPS e.max CAD and Press (lithium disilicate), Ivoclar Vivadent
- Lava (full zirconia), 3M



BruxZir Shaded (Updated Proven Product), Glidewell

This well-established, full-strength zirconia was **listed by over 40% of CR Readers as a product they "Can't Live Without"** and is a CR Choice. It has improved esthetics since its introduction in 2009.

\$99/Crown (lab fabricated)

See also Clinicians Report August 2019

Dentures

See also Clinicians Report January 2019: "Complete Dentures can be Easier to Make and More Successful" and May 2019: "What is the Best Treatment for Your Edentulous Patient?"

Finishers/Polishers for Ceramics

CR Note: There are a variety of instruments and/or components which can be combined to successfully accomplish finishing. Highest polish is usually accomplished after finishing by using a polishing paste with special applicators (*felt wheels*). Proven products below are a combination of individual instruments and complete kits.

Proven Products:

- All Ceramic Polishers, Cosmedent
- Dialite and Dialite Feather Lite, Brasseler USA
- DiaShine, VH Technologies
- eZr, Garrison Dental
- Jiffy All Ceramic Polishing Kit, Ultradent
- Luster (intraoral) and Luster for Zirconia, Meisinger
- OptraFine, Ivoclar Vivadent
- Zircon-Brite, DVA (Dental Ventures of America)



A.S.A.P Indirect+, Clinician's Choice

Indirect ceramic restorative adjusters and polishers **produces a high-gloss finish in 3 steps**.

\$93/Kit

See also Clinicians Report March 2019



Magic Touch Lithium Disilicate, Strauss Diamond Instruments

Set of 9 rotary instruments of differing shapes and sizes for adjusting and finishing porcelain, zirconia, and lithium disilicate crowns. **Especially useful for Cerec and in-office milling.**

\$90/Kit

Impression Materials: Bite Registration

Proven Products:

- **Blu-Mousse, Parkell**



Futar Clear Fast, Kettenbach

Clear VPS interocclusal bite registration material dispensed from dual syringe. **The clear material enables direct visual inspection** of the correct occlusion.

\$57/Two 50-ml Cartridges and Tips (57¢/ml)



Vanilla Bite, DenMat

Interocclusal bite registration material with **rigidity and well-received scent**. Set time is 55 seconds.

\$39/Two 48-ml Cartridges and Tips (41¢/ml)

See also *Clinicians Report August 2019*

Impression Materials: VPS/Polyether

See also *Clinicians Report September 2019*: “**Impression Materials—Update 2019**”

Proven Products:

- **Aquasil Ultra+ (VPS), Dentsply Sirona**, 57¢/ml
- **EXAFast NDS (VPS) and EXA'lence (VPES), GC America**, 41¢/ml and 69¢/ml
- **Flexitime (VPS), Kulzer**, 59¢/ml
- **Impregum Soft (Polyether) and Imprint 4 (VPS), 3M**, 75¢/ml and 65¢/ml
- **Reflection (VPS), Patterson Dental**, 37¢/ml
- **Splash! Max (VPS), Denmat**, 44¢/ml
- **Take 1 Advanced (VPS), KaVo Kerr**, 68¢/ml
- **ThermoClone VPS, Ultradent**, 42¢/ml
- **Vaccu-Sil Impression Material (VPS), HO Dental Company**, 32¢/ml
- **Virtual XD (VPS), Ivoclar Vivadent**, 64¢/ml



Aquasil Ultra+ (Proven Product), Dentsply Sirona

VPS impression material with **highest overall rating in recent CR comparison**. This brand has desirable hydrophilicity and high tear strength, but premium price.

\$8.40/Dual-arch Quadrant Impression (59¢/ml)

See also *Clinicians Report September 2019*



Impregum Super Quick (Updated Proven Product), 3M

Polyether impression material **that combines precision and speed with a shorter set time** (45 seconds working time and two-minute set time), and improved flavor (less bitter).

\$205/Penta Intro Kit (~57¢/ml refill)

See also *Clinicians Report May 2019*



MiTi (VPS for Implants), DENTALREE

VPS impression material formulated to be **very stiff for implant procedures**. Has hydrophilicity, is accurate, and **can be scanned**.

\$47/Three 50-ml Cartridges (32¢/ml)

Posts

Proven Products:

- **C-I White, Parkell**, \$6.15/post
- **Cure-Thru Integra Post, Premier Dental**, \$11.12/post
- **EndoSequence Fiber Post, Brasseler USA**, \$9.90/post
- **FibreKleer and FibreKor, Pentron**, \$12.00–\$13.00/post
- **Macro-Lock Oval, Clinician's Choice**, \$15.80/post
- **ParaPost Fiber White, Coltene**, \$18.00/post
- **RelyX Fiber Post 3D, 3M**, \$15.10/post



Glassix+plus, Nordin SA (and dental dealers in the U.S.)

Radiopaque and light-transmitting fiber posts with smooth-cutting drills. Well-organized kit and **anatomically shaped posts**.

\$7/Post in Refill Kit

\$215/Kit with Reamers and 20 Posts (5 each of 4 sizes)

See also *Clinicians Report August 2019*

Provisional Materials

Proven Products: Acrylic Resins

- **Jet Tooth Shade (PMMA), Lang Dental**
- **SNAP (PEMA), Parkell**
- **Trim Plus (PMMA), Keystone Industries**

Proven Products: Bis-acryl Resins

- **Inspire, Clinician's Choice**
- **Integrity Multi-Cure, Dentsply Sirona**
- **Luxatemp Ultra, DMG America**
- **Protemp Plus, 3M**



Clip Flow, VOCO

Unique flowable, light-cured, provisional resin restorative material with many uses. Especially **useful for inlay and onlay preparations; does not require cementation**.

\$41/Two 1.8-gram Syringes (~\$13.67/ml)

See also *Clinicians Report April 2019*



Pro-V C&B, Bisco

Provisional crown and bridge material **produces natural-looking restorations easily**. Uses multifunctional acrylic composite providing high strength, durability, flexibility, and esthetics.

\$190/50-ml Syringe Kit (\$3.80/ml)

See also *Clinicians Report September 2019*

Scanners, Intraoral (Digital Impression)

CR Note: *Intraoral scanning to make digital impressions is a well-proven concept.* There are many successful products in this rapidly evolving field.

Proven Products:

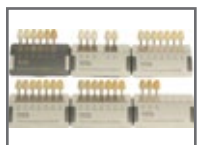
- **Various Models from the following companies:**
 - 3Shape
 - Align Technology
 - Carestream Dental
 - Dentsply Sirona
 - Midmark (previously from 3M)
 - Planmeca

Shade Taking

See also *Clinicians Report* June 2019: “Shade Guides: What’s Best?”

Proven Products:

- **VITA 3D-Master and VITA Classical, VITA North America**



VITA Linearguide 3D-Master (Proven Product), VITA North America

Modification of system developed in the 1990s **provides greater color accuracy** with consistent gradation on tabs based on value, hue, and chroma. This linear version provides simplified two-step shade taking method.

\$289/Shade Guide

See also *Clinicians Report* June 2019

Silane/Primer/Ceramic Conditioners

Proven Products: MDP and Silane combined (for glass ceramic, metal, or zirconia)

- **CLEARFIL CERAMIC PRIMER PLUS, Kuraray Noritake Dental**
- **GC Ceramic Primer II, GC America**
- **Monobond Plus, Ivoclar Vivadent**

Proven Products: MDP (for metal or zirconia)

- **Z-Prime Plus, Bisco**

Proven Product: Silane (for glass ceramic)

- **Bis-Silane and Porcelain Primer, Bisco**
- **Calibra Silane, Dentsply Sirona**
- **Silane, Ultradent**
- **Vitique Silane, DMG America**

Proven Product: Ceramic Cleaner

- **Ivoclean, Ivoclar Vivadent**



ZirClean, Bisco Dental Products

Extraoral cleaning gel (potassium hydroxide) for **removal of phosphate (saliva and blood) contaminations after try-in of restorations.**

\$19/5-gram Syringe

See also *Clinicians Report* July 2019

Soft Tissue Management and Hemostatic Cord

See also *Clinicians Report* November 2019: “Using Cords for Optimum Soft-Tissue Management”

CR Clinical Tip: The two-cord technique continues to provide the most consistent tissue management for impressions. Pastes provide hemostasis and gentle retraction and can be an effective adjunct to cords or used alone in some cases.

Proven Products: Cords

- **GingiBraid+, KaVo Kerr**
- **Knit-Pak+, Premier Dental**
- **ROEKO Stay-put, Coltene**
- **UltraPak, Ultradent**
- **Z-Twist Weave Braided Cord, Gingi-Pak**



Knit-Pak+ (Proven Product), Premier Dental

Knitted microfiber, soft but somewhat solid cord with pre-impregnated aluminum chloride hemostatic or plain (none) in a variety of sizes with **excellent overall rating in recent CR comparison of cords.**

19¢/Inch

See also *Clinicians Report* November 2019



ROEKO Stay-put (Proven Product), Coltene

Braided cord **with flexible ultra-thin copper wire core** to help cord remain where placed as second cord in two-cord technique.

31¢/Inch

See also *Clinicians Report* November 2019



UltraPak (Proven Product), Ultradent

Knitted cotton, soft and springy cord with pre-impregnated epinephrine hemostatic or plain (none) in a variety of sizes **with excellent overall rating in recent CR comparison of cords.**

13¢/Inch

See also *Clinicians Report* November 2019

Proven Products: Hemostasis and Styptics

- **Astringent, ViscoStat, and ViscoStat Clear, Ultradent**
- **Hemodent, Premier**



ViscoStat Clear (Proven Product), Ultradent

This aluminum chloride gel styptic is non-staining for translucent crowns and was **listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$30/Kit (6.24 ml)

See also *Clinicians Report* August 2019

Proven Products: Pastes

- **3M Astringent Retraction Paste, 3M**
- **DRYZ and DRYZ BLU, Parkell**
- **Expasyl, Acteon Group**
- **GingiTrac, Centrix**
- **Traxodent, Premier Dental**

RADIOLOGY, ORAL AND MAXILLOFACIAL

Cone Beam

See also *Clinicians Report* June 2019: “Can Cone Beam Replace Intraoral Radiography?”

Proven Products:

- **Various Models from the following companies:**
 - Carestream Dental
 - Dentsply Sirona
 - Gendex (KaVo Kerr)
 - Imaging Sciences International (KaVo Kerr)
 - Instrumentarium (KaVo Kerr)
 - Planmeca
 - Vatech America



i3D Smart RC (Updated Proven Product), VaTech America

CR tested this entry level product that includes two fields: 5x5 and 10x8.5 (*anatomical 12x9 FOV*); auto **reconstructed panoramic** or a 2D conventional panoramic; **extraoral bitewing; implant planning; stone model scanning; and impression material scanning.**

\$70,000/Base Model (4 models available)

See also *Clinicians Report* March 2019

Hand-Held Radiography Units

See also *Clinicians Report* February 2019: “Handheld X-Ray Units: What You Need to Know”

Proven Products:

- **KaVo NOMAD Pro 2, KaVo Kerr**



KaVo NOMAD Pro 2 (Proven Product), KaVo Kerr

Updated handheld X-ray unit with 700 exposure battery life, excellent–good ease of use, proven safety, and **best combination of features.**

\$8,295/Unit

See also *Clinicians Report* February 2019

RESTORATIVE/OPERATIVE/PEDIATRIC

See also *Clinicians Report* August 2019: “Products Dentists Can’t Live Without”

Adhesives

Proven Products:

- **Adhese Universal, Ivoclar Vivadent**
- **Brush&Bond Universal, Parkell**
- **Clearfil SE Bond 2 and Clearfil Universal Bond QUICK, Kuraray Noritake Dental**
- **G-Premio Bond, GC America**
- **One Coat 7 Universal, Coltene**
- **Optibond Solo Plus, KaVo Kerr**
- **Peak Universal, Ultradent**
- **Prime&Bond Elect, Dentsply Sirona**
- **Scotchbond Universal, 3M**



OptiBond eXTRa Universal (Updated Proven Product), KaVo Kerr

Improved two-bottle universal adhesive with unit-dose dispensing option. Formulated with proven GPDM (*glycero-phosphate dimethacrylate*) monomer. **Less pungent scent.**

\$239/5-ml Primer, 5-ml Bond (\$23.90/ml)

See also *Clinicians Report* July 2019

Burs/Diamonds: Crown Preparation

See also *Clinicians Report* October 2019: “Carbide Burs—Update 2019”

Proven Products: Carbide Burs

- **Various bur designs from the following companies:**
 - Brasseler USA
 - Dentsply Sirona
 - KaVo Kerr
 - Meisinger
 - Microcopy
 - SS White Dental

CR Note: All diamonds tested could cut multiple crown preps although all exhibited a loss of aggressiveness after one or two preps. Single-use diamonds are more economical.

Proven Products: Diamonds, Low Cost (*single-use*)

- **Alpen X1, Coltene, \$2.00**
- **Dollar Diamond, Dollar Diamonds, \$1.25**
- **NeoDiamond, Microcopy, \$1.96**
- **Single-Use Diamonds, Patterson Dental, \$1.20**
- **Solo, Premier Dental, \$1.92**
- **Spring Health Diamond, Spring Health Products, \$2.40**

Proven Products: Diamonds, Premium Prices (*multi-use*)

- **Komet Diamond, Komet USA, \$2.27**
- **Meisinger Diamond, Meisinger, \$10.10**
- **Midwest Diamond, Dentsply Sirona, \$10.80**
- **Peter Brasseler Series, Brasseler USA, \$10.76**
- **Two Striper, Premier Dental, \$11.60**



Diamond Burs, Microdont

Single-patient diamond produced with graded diamonds and international stainless steel. **Cut effectively and low cost.**

\$1.29/Diamond



EdgeBur Carbides and EdgeBur Diamonds, EdgeEndo

Cost-effective rotary instruments were well received in clinical evaluation. EdgeBurs include carbides, diamonds, finishers, zirconia, metal cutting, specialty, and polishers. Operative carbide FG 330 had excellent overall grade in CR comparison.

\$1.00/Carbide (100 pack); \$1.56/Diamond (25 pack)

See also *Clinicians Report* September 2019 and October 2019



Peter Brasseler C-Series 330 FG (Proven Product), Brasseler USA

Operative carbide burs with **excellent overall grade in CR comparison.** Low cost per bur encourages clinicians to use them as single-patient item.

\$1.60/Bur

See also *Clinicians Report* October 2019

Cements

See *Prosthodontics, Fixed/Removable* (page 7)

Curing Lights: Resin, LED

See also *Clinicians Report* March 2019: “Are New Innovations in Curing Lights More Effective?”

CR Note: Desirable curing light features include high irradiance, uniform irradiance, large spot, 90° tip for access, and convenient controls. “Smart” features are becoming available that monitor the curing process to ensure consistent results (*Bluephase G4*).

Proven Products:

- **Bluephase Style**, Ivoclar Vivadent
- **Elipar DeepCure-S and Paradigm DeepCure LED**, 3M
- **Fusion**, DentLight
- **The Light**, GC America
- **Valo Grand**, Ultradent



Bluephase G4 (Updated Proven Product), Ivoclar Vivadent

Advantages: 2100 mW/cm²; 9.5-mm rotating tip; easy controls; broad spectrum; multiple modes; **feature to alert clinicians of misalignment during cure**; and radiometer in base.

\$1,760/Unit

See also *Clinicians Report* March 2019



Fusion Grand (Updated Proven Product), DentLight

Advantages: 3900 mW/cm², 11-mm rotating tip, 90° tip angle, multiple modes, broad spectrum, **replaceable lens**, high irradiance, durable design, and **optional interchangeable tips (LEDs)** for additional functions.

\$1,260/Unit

See also *Clinicians Report* March 2019



Magicure, Strauss Diamond Instruments

Advantages: 3300 mW/cm², 12-mm tip with 20° contra-angle, durable slim design, **multiple modes** including white light, high irradiance, and broad spectrum.

\$1,050/Unit

See also *Clinicians Report* March 2019



Soleil 770, Benco

Advantages: 3300 mW/cm², 9.5-mm tip, 90° tip angle, multiple modes, broad spectrum, high irradiance, simple controls, **lower cost**, and **radiometer in base**.

\$900/Unit

See also *Clinicians Report* March 2019



Valo Grand (Proven Product), Ultradent

Advantages: 3300 mW/cm², 12-mm tip, 90° tip angle, high irradiance, durable construction, broad spectrum, and three output modes. **Listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$1,750/Unit

See also *Clinicians Report* March 2019 and August 2019

Finishers/Polishers for Resin-Based Composite

Proven Products: Finishers/Polishers

- **AstroPol and Politip**, Ivoclar Vivadent
- **BrioShine Feather Lite (#FLBCO-1 and #FLBF-2) and VersaFlex**, Brasseler USA
- **ContactEZ Restorative Strip System**, ContacEZ
- **Enhance Mini**, Dentsply Sirona
- **EPITEX and GC NEW METAL STRIPS**, GC America
- **Jiffy Universal Polishing Kit**, Ultradent
- **Polishette Mini Shaped Polishers**, Kenda AG
- **Sof-Lex Finishing and Polishing Brushes**, 3M
- **Super-Snap Rainbow Technique Kit**, Shofu
- **Top Finisher System**, Cosmedent



Diamond Universal, Hager Worldwide

Universal diamond polishing (2 to 4 μm) water-based paste for restorations and enamel. **Low-cost** polishing paste is **effective on many substrates**.

\$22.50/2-gram Syringe

See also *Clinicians Report* July 2019

Proven Products: Polishing Pastes

- **Prisma-Gloss**, Dentsply Sirona
- **Enamelize**, Cosmedent

Glass Ionomer Restoratives

Proven Products:

- **ChemFil Rock**, Dentsply Sirona
- **EQUIA Forte HT and GC Fuji IX GP EXTRA**, GC America
- **IonoStar Plus**, VOCO
- **Ketac Universal Applicap**, 3M
- **riva self cure HV**, SDI

Handpieces, Non-Surgical

CR Note: *Both air and electric handpieces have proven advantages.*

Electric are well established for low-speed applications and growing for universal use because of constant speed and high torque for consistent, smooth, and precise cutting.

Proven Products: Electric

- **KaVo COMFORTdrive and KaVo ELECTROmatic Premium**, KaVo Kerr
- **Midwest E Electric Handpiece System**, Dentsply Sirona
- **Optima MCX**, Bien-Air
- **Ti-Max**, and **NLZ E Electric Micromotor System**, NSK



OPTIMA MCX SET (Updated Proven Product), Bien-Air

Entry level electric handpiece motor that is **small in size and light weight**. It comes with a simple potentiometer that controls speed, torque, and reversal of the rotation direction.

\$3,196/Entry Level System Bundle (system with 3 handpieces)

Proven Products: High Speed Air

- **430SWL Torque LubeFree**, DentalEZ
- **557 ProStyle SF Lite SLC and LEGACY 5**, Lares Research
- **MASTERtorque**, KaVo Kerr
- **Midwest Stylus Plus**, Dentsply Sirona
- **Ti-Max Z800L**, NSK
- **Tornado**, Bien-Air
- **W&H Synea 400 Series**, A-dec

Headlamps

Proven Products:

- EOS HP, Univet Optical Technologies North America
- Feather Light LED, Ultralight Optics
- Firefly Cordless, DenMat
- LED DayLite Wireless and Mini, Designs for Vision
- Micro LED (*Neutral*), Wireless LED Mini and Micro, SurgiTel
- Nano Freedom and Nano Freedom Plus, DentLight
- ProLUX, LumaDent
- Spark and XV1, Orascope



airLUX, LumaDent

Wireless LED headlight attached to a 17-gram lithium-polymer rechargeable battery mounted on loupes or glasses at the bridge of nose. 3.5-hour battery life and touch on/off.

\$595/Headlamp



uniLUX LED Headlight, LumaDent

LED headlight with long battery life and lightweight battery pack. Provides up to **12 hours of continuous use** per charge.

\$545/Headlamp

See also Clinicians Report February 2019

Instruments and Accessories: Restorative

Proven Products:

- CASI 3C and CASI 3L (*anterior sculpting*), Aesthecon
- Contact Pro II (*contact forming*) and Microfill Composite Instrument, Gold (*anterior sculpting*), Almore
- Dr. Colonna Series (*for conservative posterior preps*), American Eagle Instruments
- IPC Carver, Various Companies
- Trimax (*contact forming*), AdDent



CASI 3C and CASI 3L (*Updated Proven Product*), Aesthecon

Improved sculpting instruments **produce natural anatomy and convexity** in direct restorations. New tips are more flexible and sharper.

\$138/2 Instruments (\$69/Instrument)

See also Clinicians Report August 2019

Lasers

See Surgery: Oral and Maxillofacial (page 15)

Matrices/Wedges

Proven Products:

- AutoMatrix, Palodent Plus, and Trident WedgeGuard, Dentsply Sirona
- Composi-Tight (*various*) and Fender Wedge, Garrison Dental
- Contact Matrix, Zest Dental Solutions
- Greater Curve (*Tofflemire*), Greater Curve
- Trident V3 and WedgeGuard, Ultradent



Composi-Tight 3D Fusion (*Proven Product*), Garrison Dental

This matrix system has helped eliminate open contacts, was **listed by over 40% of CR Readers as a product they "Can't Live Without,"** and is a CR Choice.

\$221/2 Rings (\$110.50/Ring)

See also Clinicians Report August 2019



Dual-Force Active-Wedges, Clinician's Choice

Wedge that **actively engages the matrix band and adjacent tooth** adapting matrix to interproximal contours of tooth and helps reduce overhangs.

88¢/Wedge

See also Clinicians Report January 2019

Moisture Control/Isolation/Rubber Dam

See also Clinicians Report October 2019: "Effective Products for Isolation and Evacuation"

Effective Moisture Control Concepts:

- Dentapops, Primotec
- DryShield, DryShield
- DryTips, Microbrush International
- Isolite, Isodry, and Isovac, Zyris
- Mr. Thirsty One-Step, Zirc
- NeoDrys, Microcopy
- OptraGate (*small, regular, and junior*), Ivoclar Vivadent

Proven Products: Rubber Dam

- HYGENIC Elasti-Dam and HYGENIC Framed Non-latex Flexi Dam, Coltene



Sanctuary Powder Free Black Latex Rubber Dam, Sanctuary Health

Dental Dam (6x6), medium-gauge, powder-free, latex. Black color for contrast **helps visualize tooth during procedures and for photography.**

42¢/Rubber Dam



Smart Dam (*Latex-Free*), Cranberry

Rubber dam material made from **tear-resistant synthetic** polyisoprene latex commonly used to manufacture "latex-free" condoms (*does not contain natural proteins that are the source of most latex allergies*).

\$18/15 Sheets (\$1.19/Dam)

See also Clinicians Report June 2019

Proven Products: Rubber Dam Clamps

- Rubber Dam Clamps, Coltene (See also Clinicians Report October 2019)
 - #0, #00: Properly sized clamp for Class V on single-rooted teeth
 - #4, #5, #7: Properly sized clamp for molar teeth
 - #8A: Properly sized clamp for partially erupted molar teeth
 - #9: Properly sized clamp for most anterior teeth
 - #14A: Properly sized clamp for partially erupted molar teeth
 - #212: Properly sized clamp for premolar teeth

Pulp Capping

Proven Products:

- Calcium Hydroxide, Various Companies
- Endo-Eze MTAFlow, Ultradent
- GC Fuji Lining LC (RMGI), GC America
- Neo MTA Paste, Avalon Biomed (NuSmile)
- ProRoot MTA (white or gray), Dentsply Sirona
- Vitrebond Plus (RMGI), 3M



Theracal PT (Pulp Cap), Bisco Dental Products

Pulpotomy material that is a light-cured, resin-modified calcium silicate indicated for treatment of exposed dentin. **Easy placement, stays where placed,** and fast.

\$89/4-gram Syringe

Resin-Based Composite Restoratives

See also *Clinicians Report* April 2019: “New, Innovative Restorative Resins Appear Promising” and August 2019: “Boost Composite Performance: Tips for Placement and Longevity”

CR Note: Manufacturers are putting a major emphasis on reducing the number of shades.

Proven Products: Dual-Cure

- BulkeZ, Zest Dental Solutions
- Fill-Up!, Coltene
- HyperFIL, Parkell

Proven Products: Light-Cure

- CLEARFIL MAJESTY, Kuraray Noritake Dental
- ESTELITE sigma QUICK, Tokuyama Dental America
- Filtek Supreme Ultra, 3M
- Harmonize, KaVo Kerr
- Heliomolar and Tetric EvoCeram, Ivoclar Vivadent
- Mosaic, Ultradent
- Renamel NANO Plus, Cosmedent
- TPH Spectra ST, Dentsply Sirona
- Venus Pearl, Heraeus



Filtek Supreme Ultra (Proven Product), 3M

This well-established esthetic universal composite was **listed by over 40% of CR Readers as a product they “Can’t Live Without”** and is a CR Choice.

\$150/Twenty 0.2-gram capsules (\$73.70/ml)

See also *Clinicians Report* April 2019 and August 2019



Filtek Universal Restorative, 3M

Newest 3M restorative with **nanotechnology** in eight shades plus an extra white to cover the 16 VITA classical shades, providing universal opacity that meets most clinical needs.

\$100/Twenty 0.2-gram capsules (\$50.09/ml)

See also *Clinicians Report* April 2019 and November 2019



G-aenial Universal Injectable, GC America

Universal resin-based composite with **excellent gloss retention and wear resistance**. Although flowable, it remains where placed, does not stick to most instruments, and can be used for Class I–V restorations.

\$102/Two 1-ml Syringes (\$51.00/ml)

See also *Clinicians Report* August 2019



LC FILL, Parkell

Bulk-fill composite that is light cured, **self-leveling**, and radiopaque. Tip is small and narrow for minimal preps. Shades blend well with tooth.

\$75/Fifteen 0.25-gram capsules (\$39.55/ml)



OMNICHROMA, Tokuyama Dental America

First esthetic resin-based composite restorative material with only **one shade to match most teeth**. Includes Blocker to prevent shade interferences.

\$104/Twenty 0.2-ml Pre-Loaded Tips (\$49.18/ml)

See also *Clinicians Report* March 2019 and April 2019



WAGOFIL, GoldenDent

Posterior hybrid composite with **zirconia silica filler** and particle size 0.04 to 2.0 μm . Light cured and radiopaque. Comes in shades: A1, A2, and B1 dispensed from single-dose compules.

\$79/Twenty 0.2-gram Compules (\$39.50/ml)

Resin-Based Composite Restoratives: Flowables

Proven Products:

- BeautiFil Flow Plus, Shofu
- Filtek Supreme Ultra Flowable, 3M
- G-aenial Universal Flo, GC America
- SDR Flow+, Dentsply Sirona
- Tetric EvoFlow, Ivoclar Vivadent



Estelite Universal Flow, Tokuyama Dental America

Flowable, light-cured composite with **supra-nano spherical filler**. Anterior and posterior restoration applications. Available in three viscosities: high, medium, and low. 12 shades.

\$72.99/Syringe (\$40.55/ml)



LC Base, Parkell

Bulk-fill flowable with **low shrinkage**, light curing, self leveling, and high radiopacity. Lower price compared to similar products.

\$5/Compule (\$29.98/ml); \$75/2.5-ml Syringe

See also *Clinicians Report* February 2019

Resin-Modified Glass Ionomer Restoratives

Proven Products:

- GC Fuji II LC and GC Fuji Filling LC, GC America
- Ketac Nano LC, 3M
- Riva Light Cure HV, SDI



GC Fuji Automix LC (Updated Proven Product), GC America

Resin-modified glass ionomer restorative in **new ergonomic automix dispensing**. Radiopaque, light cured, and fluoride releasing.

\$244/Starter Kit (\$21.67/ml)

See also *Clinicians Report* July 2019

SLEEP MEDICINE, DENTAL

Appliances and Devices

Proven Products:

- **dreamTAP**, Airway Management
- **EMA (Elastic Mandibular Advancement)**, Various Labs
- **Silent Nite**, Various Labs
- **T3 Apnea Monitor**, DDME (manufactured by Nox Medical)
- **TAP (Thornton Adjustable Positioner)**, Various Labs

SURGERY, ORAL AND MAXILLOFACIAL

Bone Grafting Materials and Membranes

Proven Products:

- **Bio-Oss**, Geistlich Pharma N.A.
- **DynaBlast Paste**, Keystone Dental
- **Foundation**, Morita USA
- **Grafton DBM**, BioHorizons
- **L-PRF IntraSpin System**, Intra-Lock
- **LifeNet OraGRAFT Bone**, Salvin Dental
- **OsteoGen Plug**, Implants
- **Puros**, Zimmer Biomet



OSSIX Bone, datumdental (sold through various companies)

Resorbable sponge-like matrix of hydroxyapatite and collagen cross-linked by sugar. Developed to **augment hard tissue** in periodontal and implant surgeries.

\$109/Small (0.125 cc, 5x5x5mm)

\$160/Medium (0.25 cc, 5x5x10mm)

\$227/Large (0.5 cc, 5x10x10mm)



ZMATRIX, Osteogenics Biomedical

Membrane from porcine collagen. Soft and pliable and manufactured to **preserve extracellular components** (laminin, elastin, fibronectin, etc.) **needed for healing.**

\$110/15x20mm

\$150/20x30mm

\$200/30x40mm

Handpieces, Surgical

Proven Products:

- **7000 series Implant Motor and 6000 series**, Aseptic
- **Implantmed SI-915**, W&H

Instruments

See also *Clinicians Report* February 2019: “Surgical Instruments: Are Premium-Priced Brands Actually Better?”

Proven Products: Elevators, Luxators, Proximators, and Forceps

- **Various**
 - Directa Dental
 - Karl Schumacher
 - Hu-Friedy Mfg Co.
 - Salvin Dental Specialties

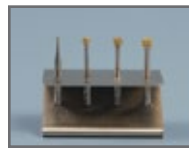


Anzen Safety Scalpel, MediPurpose

Disposable scalpel blade **with retractable safety cover** that fits into reusable stainless steel handle. Handle is same weight and balance as traditional metal-handled scalpels.

\$21.20/Handle; \$35/Long Handle

80¢/Disposable Blade



Degranulation System, Strauss Diamond Instruments

Rotary instruments designed to **remove tissue remnants attached to bone** quicker than surgical curette.

\$220/Kit

See also *Clinicians Report* January 2019



FRINGS FORCEPS, TBS Instruments

Forceps set **with spring-driven hinge to open without fingers**. Manufactured with 100% German stainless steel with a blue titanium finish. Several tip configurations available.

\$220–\$250/Instrument



Surgical Serrated Curette, TBS Instruments

Right/Left surgical curette designed to **successfully remove granular tissues and debride sockets**. Fine-serrated edges and four useful sizes available.

\$50/Curette

See also *Clinicians Report* April 2019



Swann Morton Blades, Cincinnati Surgical Company

Disposable scalpel with unique blade and convenient sterile packaging. Blade is sharp, holds edge well, and produces clean cut.

\$1.50/Scalpel

See also *Clinicians Report* February 2019

Lasers, Hard and Soft Tissue

See also *Clinicians Report* October 2019: “Laser Dentistry: Where are we today?”

Proven Products (various models available):

- **LS-2010 CO₂ soft tissue laser**, LightScalpel
- **Lightwalker ATS dual erbium and neodymium hard and soft tissue laser**, Fotona
- **Picasso Lite+ diode soft tissue laser**, AMD Lasers
- **SOLEA CO₂ hard and soft tissue laser**, Convergent Dental
- **Waterlase Express erbium hard and soft tissue laser**, BIOLASE



Ease-In-Shields, ViewMax Solutions

Optical filter designed to slide behind loupes or protective eye glasses **to protect clinician's eyes and retina while using lasers and/or curing lights.**

\$345/Laser and Curing Optical Filter

See also *Clinicians Report* May 2019

Sutures

Proven Products:

- **Chromic Gut**, Various Companies
- **PGA (polyglycolic acid)**, Various Companies
- **PTFE (polytetrafluoroethylene)**, Various Companies
- **Silk**, Various Companies



PrecisPOINT Sutures, Karl Schumacher Dental Instruments

Silicone-coated, laser-drilled sutures have sharp reverse cutting needle that stays sharp throughout treatment. CR tested undyed, fast-absorbing PGA sutures (7 suture types available).

\$6.25/PGA Suture

See also *Clinicians Report May 2019*

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