



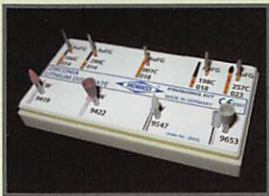
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## Products Rated Highly by Evaluators in CR Clinical Trials

### Effective Finishing and Polishing Instruments for Both Lithium Disilicate and Zirconium

#### Zirconia & Lithium Disilicate Finishing Kit

**HORICO – Hopf, Ringleb & CO.** (sold through: Pearson Dental, Nowak Dental, and Henry Schein Zahn Canada)



\$60 / Kit

(Horico orderNo.: ZKD2)

One kit contains five fine-grit diamond burs in five helpful shapes and two each finishing points and cups (*one medium and one fine grit for each*) for a total nine instruments that may be used intraorally. Sequential use of diamonds followed by medium and fine polishers quickly smoothed areas of zirconia and lithium disilicate that needed adjustment for proper occlusion.

#### Advantages:

- Produces a smooth finished surface with three easy steps (*fine diamond, medium polisher, fine polisher*)
- One kit contains diamonds and effective polishers for both zirconia and lithium disilicate
- Kit allows fast finishing and polishing

#### Limitation:

- Kit does not have final polishing paste which was desired by 12% of Evaluators

#### CR Note:

- CR research shows polishing paste (*DiaShine by VH Technologies*) provides long-lasting smooth surface

**CR Conclusions:** 76% of 25 CR Evaluators stated they would incorporate Zirconia Lithium Disilicate Finishing Kit into their practice. 88% rated it excellent or good and worthy of trial by colleagues.

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## Products Rated Highly by Evaluators in CR Clinical Trials

### Fast, Smooth-Cutting Acrylic Burs and Polishing Points: Denture Adjustment Kit for All Materials

#### Black Hawk Cutters

**HORICO – Hopf, Ringleb & CO.** (sold through: Pearson Dental and Nowak Dental)



\$70 / Kit (2 burs and 3 polishers)

(Horico orderNo.: KitDA)

Kit of highly effective denture adjustment rotary instruments includes two black-coated metal burs with unique fine “teeth” that prevent tearing and gouging during acrylic cutting. Pink-band bur is quick and smooth cutting for thermoplastics; blue-band bur is quick and smooth cutting on all other acrylic dentures. Grind, pre-polish, and polish stones included in this kit were also very effective for finishing adjustments.

#### Advantages:

- Burs cut very fast with light pressure and do not clog
- Burs are long lasting and durable
- Polished well and produced good finish
- Kit is complete

#### Limitation:

- A few CR Evaluators noted some residue on dentures following use of polish stones

**CR Conclusions:** 100% of 26 CR Evaluators stated they would incorporate Black Hawk Cutters into their practice. 100% rated the kit excellent or good and worthy of trial by colleagues.

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## Best Products Evaluated During 2012: CR BUYING GUIDE

### ENDODONTICS

#### Burs / Diamonds for Endo Access

*Clinicians Report* September 2012: “Endo Access through Ceramics: Are Cracks a Problem?”

**Horico Diamond (AuFG001C018) – Horico Lion Bur**, HORICO – Hopf, Ringleb & CO. (sold through: Pearson Dental and Nowak Dental)

www.horico.com

❖ *This is only a portion of the original report.* ❖



# What is CR?

## WHY CR?

CR was founded in 1976 by clinicians who believed practitioners could confirm efficacy and clinical usefulness of new products and avoid both the experimentation on patients and failures in the closet. With this purpose in mind, CR was organized as a unique volunteer purpose of testing all types of dental products and disseminating results to colleagues throughout the world.

## WHO FUNDS CR?

Research funds come from subscriptions to the *Gordon J. Christensen Clinicians Report*<sup>®</sup>. Revenue from CR's "Dentistry Update"<sup>®</sup> courses support payroll for non-clinical staff. All Clinical Evaluators volunteer their time and expertise. CR is a non-profit, educational research institute. It is not owned in whole or in part by any individual, family, or group of investors. This system, free of outside funding, was designed to keep CR's research objective and candid.

## HOW DOES CR FUNCTION?

Each year, CR tests in excess of 750 different product brands, performing about 20,000 field evaluations. CR tests all types of dental products, including materials, devices, and equipment, plus techniques. Worldwide, products are purchased from distributors, secured from companies, and sent to CR by clinicians, inventors, and patients. There is no charge to companies for product evaluations. Testing combines the efforts of 450 clinicians in 19 countries who volunteer their time and expertise, and 40 on-site scientists, engineers, and support staff. Products are subjected to at least two levels of CR's unique three-tiered evaluation process that consists of:

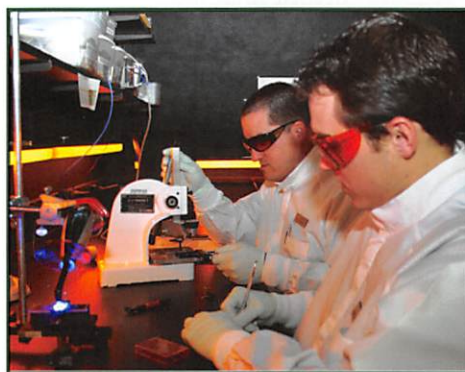
1. Clinical field trials where new products are incorporated into routine use in a variety of dental practices and compared by clinicians to products and methods they use routinely.
2. Controlled clinical tests where new products are used and compared under rigorously controlled conditions, and patients are paid for their time as study participants.
3. Laboratory tests where physical and chemical properties of new products are compared to standard products.



*Clinical Success is the Final Test*

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*CRA Foundation*<sup>®</sup> changed its name to *CR Foundation*<sup>®</sup> in 2008.



*This team is testing resin curing lights to determine their ability to cure a variety of resin-based composites.*

*Every month several new projects are completed.*

## THE PROBLEM WITH NEW DENTAL PRODUCTS.

*New dental products have always presented a challenge to clinicians because, with little more than promotional information to guide them, they must judge between those that are new and better, and those that are just new. Due to the industry's keen competition and rush to be first on the market, clinicians and their patients often become test data for new products. Every clinician has, at one time or another, become a victim of this system. All own new products that did not meet expectations, but are stored in hope of some unknown future use, or thrown away at a considerable loss. To help clinicians make educated product purchases, CR tests new dental products and reports the results to the profession.*