



Gordon J. Christensen

# Clinicians Report®

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GUIDE**

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**“CR Tests So You Don’t Have To”**



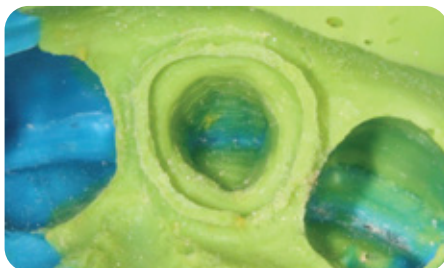
- ▶ Root-form titanium implants have been one of the most important innovations in dental history—but they are not without problems



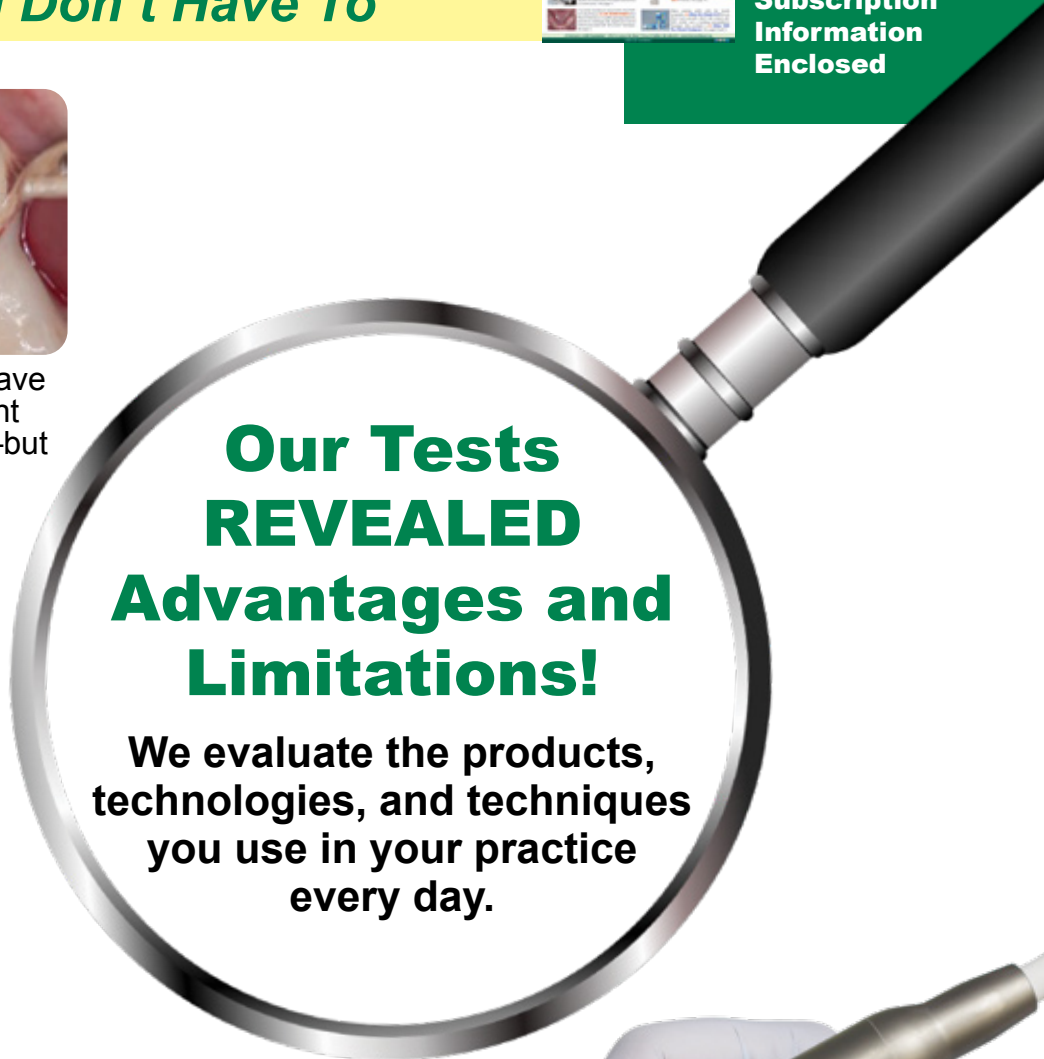
- ▶ Rapid instrument turnaround with pre- and post-vacuum autoclaves is very popular



- ▶ Dental AI Hype or Help?



- ▶ Tips for better impressions: compelling facts and hints about impression making, including VPS material comparisons



## **Our Tests REVEALED Advantages and Limitations!**

**We evaluate the products,  
technologies, and techniques  
you use in your practice  
every day.**



- ▶ Small and lightweight attachments improve the ergonomics of electric handpieces

**Subscribe today to start receiving straightforward, concise, practical answers to your dental product questions.**

# Gordon J. Christensen Clinicians Report

## The Most Valuable Subscription Available



Did you know that only 20% of new products meet their promotional claims? In these economically challenging times, are you paying for one of the 80% that don't meet your expectations? Every clinician has purchased new products that did not work, but are stored hoping for some unknown future use or thrown away at considerable cost.

You need unbiased, candid, practical information on products and techniques. The major purpose of the *Gordon J. Christensen Clinicians Report* is to give you **KNOWLEDGE** and **EMPOWER** you to make the best choices for your practice.

## Inside each issue of *Clinicians Report* you will find:

1. Clinical observations on three vital topics every month
2. Unbiased test results on products, techniques, and equipment with clinical tips
3. CR Conclusions with a quick-read overview of test results
4. Noteworthy products rated highly by CR Scientists and Clinical Evaluators
5. "In The News" segments about current events that impact your practice

**CR identifies, evaluates, and compares competitive dental products, concepts, and techniques to determine those that are faster, easier, better, or less expensive.**

### ADVANTAGES

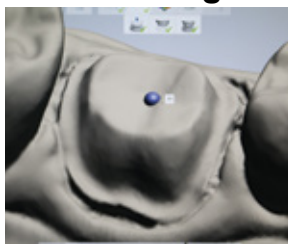
### LIMITATIONS

#### Is Now the Time for Digital Scanners?

Current scanners are more robust, reliable, easier to use, and compatible with most design software and labs.

Most patients enjoy scanning more than conventional impressions.

Digital Impressions are the future.



Complications can arise from integration into practice, file compatibility, accuracy of resulting restorations and appliances, and dentist and lab expertise.

Digital impressions have not yet proven themselves superior to elastomeric impressions even though they are easier and more efficient in some applications and procedures.

*Clinicians Report January 2024 reviews digital impression use and discusses test results on three intraoral scanners.*

#### Is It Time to Return to Conventional Glass Ionomer Cements?

Glass ionomer has proven high cariostatic properties.

GI does not shrink on setting, thus keeping the margins closed on setting.

GI chelates to tooth structure providing long-term chemical bond.

Historical evidence indicates better crown retention.



Restoration failure from cement inadequacy is not uncommon.

Rein cements have no cariostatic properties.

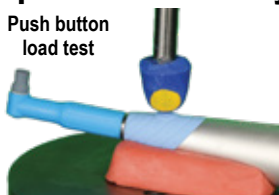
Resin cements have significant shrinkage on setting.

Desensitizing and disinfecting with glutaraldehyde/HEMA can overcome post-op tooth sensitivity.

*Clinicians Report February 2024 lists possible solutions to common cement problems and provides a GI technique.*

#### Cordless Prophy Handpieces: Are They Worth the Expense?

Cordless prophy handpieces provide enhanced patient comfort with quieter treatments, simplified designs for more thorough disinfection, ergonomic benefits (reduced weight, larger grip, no cord drag), and improved access by removing the cord tether.



Battery life varies among cordless prophy handpieces. There is a tendency to apply too much pressure. Ergonomic impact or repeated button pressing could lead to hand and wrist issues. Use a foot pedal if possible.

*Clinicians Report October 2023 provides an inside look at popular brands and offers insights and recommendations.*

## Resin Curing Lights— The Latest Technologies

*What do you need and what do you want in a curing light?*

Curing light technology continues to be very dynamic. New curing light models have high output and incorporate many positive features. Low-cost models continue to disrupt the market and challenge premium brands. Concerns persist regarding adequate polymerization, heat effects, damage to eyes, and best light characteristics.



Valo X (Ultradent) and the Monet laser (AMD Lasers) represent some of the latest innovations in resin curing lights.

*Clinicians Report June 2023 reviews new curing light technologies.*

## Are Tissue-Level Implants a Better Option?

*Are they a possible solution to the peri-implantitis challenge?*

Reported rates of peri-implantitis and implant failure are rising. Many factors affect implant survival rates including careful patient selection (considering patient history, bone quality, oral health, etc.) and clinical technique (restoration design, proper occlusion, etc.).

Tissue-level implants are an excellent option for non-esthetic areas, and literature indicates a potential for decreased rate and severity of peri-implantitis.



*Clinicians Report April 2024 compares tissue-level and bone-level implants.*

## Handheld X-ray Generators

*Clinical staff prefer handheld x-ray units*



Handheld x-ray generators are changing the way intraoral radiographs are made, just as digital sensors changed how they are captured and displayed.

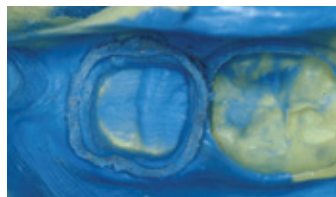
Clinical staff show a strong preference for handheld x-ray units because they simplify and expedite the radiographic examination.

*Clinicians Report May 2023 evaluates and compares the characteristics of nine handheld x-ray generators.*

## Are Low-Cost Impression Materials Adequate?

*A good impression captures small details, resists tearing, and retains accurate dimensions*

Impression making is a common clinical procedure that can be a good candidate for reducing overhead by using low-cost materials. Accuracy and consistent performance should be considered when switching to a new material.



Key characteristics tested included flow, tear strength, elastic recovery, hydrophilicity, and detail reproduction.

*Clinicians Report March 2024 lists test results on 18 brands of low-cost impression materials and compared them to two well-proven brands.*



## ***Clinicians Report tips the scales in your favor—some companies hide the truth; we reveal the truth***

Clinicians Report is a trusted, independent, and non-profit dental product testing organization. We conduct unbiased testing in our state-of-the-art labs. CR tests all types of dental products—including materials, devices, and equipment—plus techniques.

### ***CR is NOT paid for positive ratings***

Many organizations that rate products accept payment from manufacturers and distributors. CR's research is funded through subscriptions to the *Clinicians Report*, attendance at CR Dentistry Update courses, and donations from dentists. All clinical Evaluators volunteer their time and expertise. This system, free of outside funding, was designed to keep CR's research objective and candid.

***"I have always counted on CR's unbiased research to help me make sound material and technique choices. I won't make a purchase without first consulting my Clinicians Reports." — Dr. Springmann***

### ***CR is non-profit—100% Independent***

CR is a 501(c)(3) non-profit organization. CR is not owned in whole or in part by any individual, family, or group of investors. Our independence allows us to tell you what the advertisement, sales rep, or manufacturer might not.

## ***You many be surprised at how much money you can save, how you can build a better practice, and how you can improve your patients' health***

If you can find the product, concept, or technique in dental practice, you will find research on it in Clinicians Report, the trusted industry resource for almost 50 years.

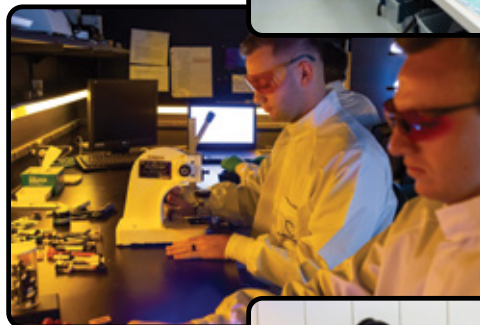
***"Clinicians Report has not only saved me tens of thousands of dollars of purchasing mistakes, but has also immeasurably improved the care my staff and I offer our patients." — Dr. Croll***

***"The need to evaluate dental products in an unbiased, privately sponsored, non-profit organization is greater than ever before! You can depend on Clinicians Report to fill that need every month. I guarantee it!"  
— Dr. Gordon J. Christensen***

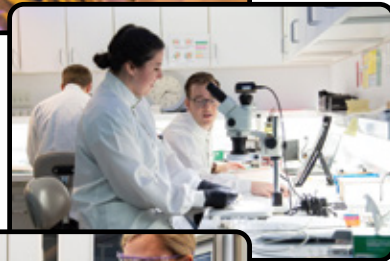
Controlled clinical studies



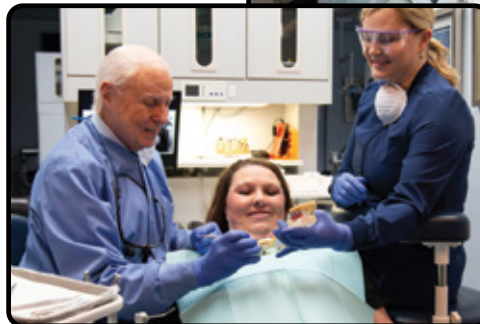
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