

# The Impact Zone



IMPACT DENTAL LABORATORY — A PROUD NATIONAL DENTEX (NDX) LAB

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## PrepCheck



Today's preparation challenges can affect the function, longevity, and overall esthetics of the definitive fixed restoration. Occasionally, Impact is introduced to a tool which we believe can ultimately assist each of us with the final outcome of our work. It is with this goal in mind that we would like to introduce you to one of our Reliance Practice Tools called PrepCheck.

PrepCheck helps ensure adequate and uniform occlusal reduction. Utilizing the special coating to mark the tooth, PrepCheck highlights any areas requiring further reduction. By allowing the ideal thickness for the final restoration, we can provide you with superior strength and esthetics.

PrepCheck is available in 3 thicknesses:

- 1.0mm clearance
- 1.5mm clearance
- 2.0mm clearance

Impact will continue to research and share products which can be added to our Reliance Practice Tools. Our goal is to develop a strong relationship which allows us to have a more positive effect on the demanding disciplines of dentistry.



In addition to our Oral Health Care Packs, a 1.5mm PrepCheck is included with every Zirconia and Captek case.

**PrepCheck is available for purchase: \$1.75 each, or \$75 for a box of 50. To order, please call our toll free number at 800-668-4691 or visit our website at [www.impact-dental.com](http://www.impact-dental.com).**

### Points of Interest:

- A HANDY OCCLUSAL CLEARANCE TOOL
- HOW IMPACT SYSTEMS BENEFIT YOU
- A NEW WAY TO COMMUNICATE WITH THE LAB
- PROCERA UPDATES
- A STATE-OF-THE-INDUSTRY LOOK AT DENTAL ECONOMICS

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## Reliance ThermoGuard



The brand new Reliance ThermoGuard

Composed of a unique thermoplastic material, **Reliance ThermoGuard** nightguards are fabricated for maximum comfort. The flexibility of the Reliance ThermoGuard is forgiving enough to resolve symptoms for TMD patients, yet is hard and durable enough for the active nocturnal bruxer.

Reliance ThermoGuard softens slightly in warm water so it

conforms more readily to tooth contours. It offers frictional resistance by engaging the buccal and lingual interproximal spaces and the contours of the teeth giving the patient a perfect fit.

When distorted, it returns to the processed state, thus maintaining fit integrity. Quick and easy to fit chairside with few adjustments, if any.

### Advantages / Benefits

- **One-year warranty**
- Superior strength and flexibility
- Clear, non-yellowing composite resin
- Soften slightly in warm water
- Easy chairside fit

100% satisfaction guaranteed

“BUILDING A FOUNDATION OF THE FUTURE WITH THE NDX RELIANCE PROGRAM.”

## In Depth: Reliance Laboratory Systems

With computerized systems in place for scheduling cases, tracking their progress and reviewing the individual preferences of each doctor, qualified NDX Reliance Laboratories facilitate communication with the dental office as well as within the laboratory.

Information collected on doctor preference forms is periodically updated and can be referred to throughout the

fabrication process. Because we believe a doctor's evaluation of the finished product is such a critical checkpoint in our quality assurance program, a case feedback card is sent out with every case. Feedback received is then used to improve communication and fabrication processes.

Participation in continuing education programs is what enables qualified NDX Reliance

laboratories to provide accurate technical support. In addition, laboratory personnel develop their expertise through in-house television broadcasts, which feature interactive programs presented by nationally known experts. Such programs enable our technicians to hone their technical skills so they may assist doctors with solutions to difficult cases.



Impact makes it easy to send case pictures — such as shade guides — to the lab

## Case Picture Upload Form

A picture is worth a thousand words, and this is especially important when it comes to communicating the details of patient treatment.

You can now send files to

Impact using our new Case Picture Upload Form.

This form is located at <http://www.impact-dental.com/services/case-picture-upload-form>. Up to five pictures can

be uploaded at the same time using this simple form. Just another way that Impact stays up-to-date with the latest technology to serve you better.

## Procera® — more than just Zirconia

Nobel Biocare's unique Procera® technology delivers esthetic and functional dental restoration for all indications. Based on the latest scanning, CAD/CAM and manufacturing technologies, the Procera system provides completely individualized prosthetics with unbeatable precision fit for crowns, custom implant abutments and bridges.



### New Procera® Coloured Zirconia Crown

To enhance esthetics even more for Zirconia based crowns, Procera® developed 4 core base colours. The technical idea with coloured Zirconia is to create the possibility to alter the value of Zirconia restorations with ease.



### Procera® Zirconia Bridge

Procera Zirconia has extreme strength at 1200mpa and can be used for any position in the mouth. Highly biocompatible.

Excellent marginal fit along full length of bridge and esthetics.



### Procera® Implant Bridge Titanium (PIB)

Single piece of biocompatible titanium provides consistent and predictable precision to less of 20micron. Available at implant or abutment level. Free form design. Used for acrylic wrap around restorations. Exceptionally strong, free from distortion.



### Procera® Implant Bridge Zirconia (ZIB)

Available in full arch lengths, up to 14 units. Biocompatible for enhanced tissue integration. Precision milled from a solid piece of Zirconia. Excellent in strength and marginal fit.



### Procera® Implant Abutments

Available in Zirconia and Titanium. Customized for superior esthetics. Biocompatible, cost effective (no alloy costs).



### Procera®

Procera gives the dentist and laboratories the capability to deliver quality and esthetics by combining industrialized production processes with individual esthetics. Procera delivers strong and beautiful results with a process that ensures excellent fit and consistent, reliable products time after time.



Procera® Zirconia Crown with improved margins

- New, tight fit
- production accuracy <10 microns

“CAD/CAM TECHNOLOGY GIVES YOU THE ABILITY TO ACCURATELY QUOTE FEES TO PATIENTS SINCE THEY ARE NOT AFFECTED BY GOLD PRICES ”



Procera® Zirconia Implant Bridge with excellent esthetics for receding gums, with pink porcelain replicating the appearance of soft tissue.

**We Deliver Smiles!**



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Experience the difference that you can trust with Impact!

Impact Dental Laboratory is a state-of-the-art full-service dental laboratory, providing consistent quality products and services to our clients. Our excellent customer relations have given Impact a reputation as one of the leading dental laboratories in the country.

Our high-tech laboratory features the latest products, services and techniques available, as well as a knowledgeable team of technicians and administrative staff paying attention to detail while coordinating each and every case to be completed to the highest standard and in a timely fashion.

We invite you to visit each section of our website to discover how we can help you and your dental team create life-like smiles in your practice today. Experience the Impact difference!

We are a proud National Dentex Laboratory.

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Visit our website at [www.impact-dental.com](http://www.impact-dental.com),  
or National Dentex at [www.nationaldentex.com](http://www.nationaldentex.com)

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## Message From The President



Fred Lorenz, President

At the time of writing, winter is dragging on. We still have a lot of snow on the ground in Ottawa, and February blues seem have set in with the general public. The 2007 financial market will likely be remembered for the “sub-prime mortgage crises” or “credit crunch” that caused a massive repricing of risk among global markets. As we entered the new year, credit market uncertainties stemming from the U.S. sub-prime woes will continue to create volatility in both equity and fixed markets. While the Canadian economy continues to push ahead, there are concerns that the U.S. slowdown may also

materialize in Canada during 2008.

Gold climbed from \$650.00/oz to over \$1000.00/oz in the last 12 months, impacting the dental industry drastically on the average cost of restoration using gold.



Over the next decade the dental industry is going to be driven by Zirconia based restorations, cosmetic makeovers and implant supported resto-

rations which are not effected by the price of gold. The PFM market will continue to grow but more on a scale of 1–2% per year with an expected decline in the middle of the next decade.

CAD/CAM systems either placed directly in the dental practices or in laboratories will drive the industry with electronic connectivity between the two to transfer data such as digital impression. We will also see a big surge of web based online communication as computers become an everyday tool for the dental practice.