Pow Laboratories Inc.

# Crown & Bridge

*Tomorrow's Technology, Today.*

ISO 9001:2008 Certified | 2015

# Crown and Bridge Options

## *5 year Warranty on all Crown, Bridge and Implant Restorations*

**Full Contour Crowns and Bridges and Screw Retained Implants** are CAD/CAM designed and milled in house. Using a multi coloured shading process prior to sintering allows us to achieve accurate shading and build translucency effects into this restoration. Having more than 1000 MPa in strength, it is a lower cost alternative for patients desiring a metal free design. Minimum clearance is 0.7mm. Avoid sharp edges and angles in preparation when selecting this product. Full Contour crowns are to be conventionally cemented in the mouth.

**e.max® layered Zirconia** is designed using CAD/CAM technology to create the framework and milled in-house. Multi coloured liquids are applied to achieve the dentin shade prior to sintering. Using layers of e.max porcelain our trained ceramists create a restoration that creates the desired final shade and characterizations. Preparations require a circular shoulder with rounded inner edges or chamfer margin. Circular reduction should be a minimum of 1.0mm and occlusal reduction a minimum of 1.5mm to achieve the greater than 900 MPa of strength. Avoid sharp edges and angles when using zirconia restorations. E.max zirconia restorations can be self-adhesive or conventionally cemented.

**e.max® Press Veneers, Crowns, Implants and Anterior Bridges** are a lithium disilicate glass ceramic restoration that can be used in Crowns, Veneers, Three Unit Anterior Bridges and Screw Retained Implants. These highly esthetic anatomical restorations are fabricated using 3Shape CAD/CAM technology and milled in wax and pressed. E.max press ingot selection comes in various levels of opacity and translucency, depending on the desired final shade and core colouration. Even reduction of a minimum 1.0mm circular and 1.5mm occlusally will optimize the strength of this material at 400 MPa. All glass ceramic materials are etched with a ceramic etching gel. Avoid sharp edges and angles in prep design. Self-adhesive or conventional cementation methods can be used with this product.

*~ The importance of taking a stumpf shade when requesting an all ceramic restoration is it enables the technician to mimic the shade of the prepared tooth with precision. This provides the ceramist excellent control of the shade and brightness during the production of the restoration.*

Pow Laboratories Inc. 63 Ridgeway Circle, PO Box 1698,
Woodstock, Ontario N4S 0B1
1-800-265-4052 P: 519-539-2065 F: 519-537-7894 www.powlab.com

# Crown & Bridge

At Pow Laboratories we continue to strive to provide a variety of quality products that meet the patient's needs and the esthetic expectations of each case.

## *In addition we offer:*

**Full Gold Crowns and Post Cores** gold and non precious alloy options available upon request.

**Custom Abutments** gold alloy, Titanium, Gold Hue, Zirconia available upon request

**High Noble** alloy IPs Design 91 for Crown and Bridge designs; with 60% gold content.

**Semi-precious** Capricorn alloy for Crowns and Bridge Design; with 6.0% gold content and 78 % palladium

**Non Precious** Bego Wirobond 280 for Crowns and Bridges, or Maryland style bridges.

straumann · Nobel Biocare · Implant Direct simply smarter. · BIOHORIZONS · ASTRA TECH DENTAL Get inspired

## Enhanced Customer Service

Custom Fixed RX Pads
Free Consultations
Chair Side Assistance
Continuing Education
Implant Wrench Loaners
Bonding Kit Rentals

### **Joe Steiner:** Team Leader - Crown and Bridge

Joe has celebrated his 25th year at Pow and has been in the business for 34 years, beginning his career in Toronto. Working to enhance and maintain consistency, quality of product and service. Joe is directing his focus on creating esthetic restorations, guiding by CAD/CAM technology but enhanced by the skills of his highly trained team. Joe continues to look with great optimism for the future of dentistry and the technology growth at Pow Laboratories. Email: jsteiner@powlab.com

## Crown & Bridge Turnaround Times

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|---|---|---|---|
| All Ceramic Crowns & Bridges | 5 days | Post Cores | 5 days |
| Porcelain Fused to Metal Crowns &Bridges | 5 days | All Ceramic Screw Retained Implants | 7 days |
| Veneer, Inlays and Onlays | 5 days | Implant Metal Structures | 10-12 days |
| Full Gold Crowns | 5 days | Special Bridge and Attachments | 10-12 days |

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