Over the last 75 years, DAL has built one of the most respected service-driven full-service laboratories in the dental industry. We strive to continually develop our role as your partner in providing your patients with predictable, highly aesthetic restorations that meet your specifications for both fit and function.

One of our most dependable, highly esthetic restorative options is the Procera family of dental products from Nobel Biocare. Procera is a unique CAD/CAM technology system for the fabrication of esthetic and functional dental restorations. Using the Procera system, there is a solution for every indication, from single crowns and bridge to implant abutments. The versatility of the Procera system allows you to incorporate it into your practice without changing your PFM technique.

PROCERA ALUMINA AND ZIRCONIA

PROCERA ALUMINA

The Procera Alumina crown is made of densely sintered pure aluminum oxide. It is semi-translucent in color and provides the veneering porcelain with a natural warm dentin-colored core for a natural shade blend. The core is available in two shades - white for masking ability and translucent for ideal anterior esthetics.

Indications: Procera Alumina provides 687 MPa's of flexural strength and is indicated for single anterior and posterior crowns. For esthetic purposes, it is available in two core thicknesses - the standard .6mm core for posteriors and the new .4mm translucent core for highly esthetic anteriors.

Cementation: Cement using traditional cementation or adhesive bonding procedures.

PROCERA ZIRCONIA

Procera Zirconia restorations are created with the aid of the Procera Forte advanced scanner, giving us the ability to manufacture cores of densely-sintered zirconium oxide. Procera Zirconia has a yield strength of 1200 MPa which exceeds the yield strength of a precious metal PFM and equals that of a non-precious PFM. This strength, in combination with metal-free esthetics, gives Procera Zirconia a distinct advantage over a traditional PFM and eliminates the unpleasant side effects of gingival tattooing and black margins.

Indications: Using this advanced CAD/CAM technology, Procera Zirconia can be used to fabricate bridges up to four units, splinted single crowns, and freestanding single crowns for both anterior and posterior applications.

Cementation: Cement using traditional cementation or adhesive bonding procedures.
A moderate chamfer design with a depth of 0.8-1.5mm and an occlusal reduction of 1.5-2.0mm rounded smooth contours and a lack of sharp angles is recommended.

For molar preparations, keep the occlusal surface as flat as possible. Do not create a deep fossae/cavity. Make sure that the apex of the diamonds does not pass the edge of the margin and create a groove inside the margin.

Computer-Designed Cement Space
• Stronger, uniform cementation
• Excellent fit at the margin
• Easier seating/fits the first time
• Saves chairtime

PROCERA IMPLANT ABUTMENTS
DAL also provides you with the unique Procera Zirconia and Titanium Custom Implant Abutments. These custom CAD/CAM abutments provide you with the ability to uniquely design each abutments’ height, width, contours, margin and angulation using Procera CADDesign or by scanning a custom wax-up. This customization allows you to offer your patients implant abutments and crowns that feature personalized design and superior esthetics while using biocompatible materials. With virtually unlimited design capabilities, these abutments are available at a price that is equal to or less than a pre-fabricated abutment or a traditional custom cast alloy abutment.

PROCERA ADVANTAGES/BENEFITS
• A proven system with solutions for every indication
• Natural translucency, superior strength and biocompatibility
• Almost free and precision CAD/CAM fit
• Elimination of gingival tattooing and dark margins
• Flat-rate pricing (no hidden metal costs)
• Zirconia white or translucent copings (.4mm) for outstanding anterior esthetics
• High strength Zirconia copings (1200 MPa’s) for bridgework up to four units
• Conventional cementation with built-in cement space
• Conventional chamfer margin preparation

PREPARATION
The required thickness for a Procera coping is similar to that of the metal coping of a PFM (.4mm to .6mm). Consequently, the preparation for a Procera restoration is similar to a conventional PFM. The ideal prep is a moderate chamfer margin with rounded internal line angles. A chamfer preparation is characterized by thinned margins and a cutting with rounded inner angles and edges. The occlusal reduction on posterior teeth should be 1.5 to 2.0mm and have a relatively flat surface topography. For molar preps, keep the occlusal surface as flat as possible. Do not create a deep fossae/cavity. Make sure the apex of the diamonds does not pass the edge of the margin and create a groove inside the margin.

Call DAL Customer Service at 1-800-227-4142 to request a FREE Procera Prep CD. For further assistance, a Brasseler Procera Prep Kit can also be purchased from Brasseler USA (1-800-841-4522).

IMPRESSION/SHADE
Use your preferred impression material and send impression with case. Select shade with a Vita Lumin Shade Guide. Vita 3D shades are also accepted. In addition, DAL is a certified ClearMatch Shade Mapping laboratory.

DELIVERY/CEMENTATION
Procera provides a computer-designed cement space that provides for excellent fit at the margin and easier seating characteristics to save you chair time. Because of the high flexural strength, both Procera Alumina and Procera Zirconia can be conventionally cemented with your choice of conventional or resin-ionomer luting cements.

FINISHING/POLISHING
Use finishing diamonds (no carbides) wet to adjust the porcelain. Use rubber polishing wheels and cups to further smooth any adjusted areas, where access permits. Final polish with a diamond polish paste.

INSURANCE CODES
Single Crown
D2740 Crown-porcelain/ceramic substrate
Bridgework
D6245 Pontic-porcelain/ceramic
S6740 Crown-porcelain/ceramic

Call for case pick up & Digital Camera viewing:
Dental Arts Laboratories, Inc.
1100 West 195th Street
Tinley Park, IL 60477
1.800.227.4142
www.dalill.com
For Whitening or Digital Camera viewing:
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Tinley Park, IL 60477
1.800.227.4142
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