IMPLANTS ONLY
Who are we?

What do we do?

What can we do for your laboratory to increase products and services that you can offer to your dentists?

What can we do for your dental practice to increase products and services that you can offer to your patients?
WHO ARE WE?

- **Implants Only**
  - We are a small company that is staffed by:
    - Board Certified Prosthodontist
    - Certified Dental Laboratory Technician
    - Dental Hygienist
    - Dental auxiliaries who each have more than 20 years of dental experience.
  - Our vast experience, coupled with our state of the art laboratory technologies, allows us to offer you outstanding implant and natural tooth solutions.
WHAT DO WE DO?

- **Implants Only**
  - Produces custom abutments for implants
  - Produces custom implant bridges
  - Produces “All Ceramic” restorations for natural teeth.
    - Procera restorations for single teeth
    - Procera fixed partial dentures (bridges)
WHAT CAN WE DO FOR YOU?

- **Implants Only**
  - We offer our services to all dental laboratories that don’t have the technical equipment we own, so that they can produce Procera restorations for their dental clients.
  - If your laboratory cannot produce Procera restorations for natural teeth or for dental implants, you can outsource your case to **Implants Only** so that we can assist you in the fabrication of copings, abutments and substructures.
<table>
<thead>
<tr>
<th>Procera Implant Bridges</th>
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<tbody>
<tr>
<td>Can be Titanium or Zirconium</td>
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<tr>
<td>Can be 2 units or 14 units</td>
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<tr>
<td>Zirconium can be shaded (4 shades)</td>
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<tr>
<td>Zirconium only to implant level</td>
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<tr>
<td>Titanium to implant or “multi-unit” abutment level</td>
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<tr>
<td>Must have accurate cast and pattern</td>
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<tr>
<td>Pattern must be acrylic</td>
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Example of PIB, Titanium
Pre Treatment
Hopeless teeth
Plan for full mouth extractions
Upper denture, lower PIB
PROCERA IMPLANT BRIDGES (PIB)

- Lower cast with acrylic pattern

Pattern
- Acrylic like “Duralay” or “GC Pattern Resin” or “Triad”
- Waxing sleeves are used
- Must fit cast accurately
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - Titanium framework returned
  - Ready for denture teeth to be added
PROCERA IMPLANT BRIDGES (PIB)

- PIB
- Titanium Framework
- Acrylic denture teeth and pink acrylic to process
- Screw retained
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - Titanium framework
  - Acrylic teeth and pink processing acrylic
  - Screw retained
PIB – ZIRCONIUM, PARTIAL
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - 2 units, splinted
  - 3 unit bridge
  - On implants
  - Zirconium Oxide
  - Screw retained
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - 19 to 21 PIB, Zirconium Oxide, screw retained
  - 28 Procera, Zirconium Oxide crown
  - 29 to 30 PIB, Zirconium Oxide, screw retained
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - 28 single Procera crown
  - 19 to 21 PIB
  - 29 to 30 PIB
  - PIBs are screw retained with cotton in access holes and flow composite resin sealing holes
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - 18 to 19
  - Zirconium Oxide
  - Splinted, screw retained
  - Limited inter-occlusal space
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - 18 to 19
  - Zirconium Oxide
  - Splinted, screw retained
  - Limited interocclusal space
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - 18 to 19
  - Zirconium Oxide
  - Splinted, screw retained
  - Limited interocclusal space
PIB – ZIRCONIUM, FULL
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - Fully edentulous lower arch
  - Zirconium Oxide
  - Screw retained
PROCERA IMPLANT BRIDGES (PIB)

- PIB
- Zirconium Oxide framework
  - Try in
  - Additional jaw relationship record
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - Zirconium Oxide framework
  - Screw retained
PROCERA IMPLANT BRIDGES (PIB)

- PIB
  - Zirconium Oxide framework
  - Delivered
    - Torque
    - Cotton and flow composite in anterior screw holes
    - PVS in posterior screw holes
The mandibular ridge is atrophic

The patient can’t afford more than two implants

She wants a “stable” overdenture, one that has minimal “lift” in the back
The “knife edge” ridge is exposed
The bone is “tabled” to a flat surface
This would be a great case for 5 anterior mandible implants for a “fixed” restoration, but the patient only wants removable (cost)
The “pre” and “post” radiographs show minimal reduction of bone in the anterior mandible.
The implant site healed for two months. After healing, the implants were exposed. Impression posts are placed and a final impression is made.
A **cast bar** was made that attaches directly to the two implants.

There are no intermediary abutments.

The bar has 4 “Locator” attachments.

**Implants Only** can now *scan and make this type of bar*.
The denture is relieved in the area of the bar, in preparation for picking up the attachments and relining the lower denture.
The “Locator” attachment on the left, is as it comes from the manufacturer (Zest).

The one next to it has been abraded with aluminum oxide.

After abrading the attachment housing, the housing is painted with a “Metal Primer.”

After priming, the metal housings are coated with a thin wash of auto-polymerizing acrylic (Jet).
The metal housings, coated with auto-polymerized acrylic, are seated on the bar.

The relieved denture is loaded with auto-polymerizing acrylic (Jet Pink) and seated over the bar.

It is best to block out around the bar with Play-Doh to prevent the denture from locking under the bar.

The patient bites in occlusion, lightly.

The processing caps are changed to retentive elements.
Upper PIB, Lower Overdenture

- Upper denture
- Lower overdenture on “Locator” bar
- Upper denture
- Lower overdenture
Note the upper anterior available bone
Upper implants are placed
Nobel Active
UPPER PIB, LOWER OVERDENTURE

- Denture relined with "Coe Soft"
After healing, impressions are made
An acrylic pattern is made and tried in
Vertical dimension and occlusal relationship is confirmed
The pattern is used to “remount” the upper cast.

**Important note:**
- Pattern needs to be made of acrylic.
The pattern is “cut back” for porcelain space
The pattern is placed in the “Forte” and scanned.
From the pattern, a Procera Implant Bridge (PIB) Zirconium Oxide framework is created.
The framework is returned to the master cast
Porcelain will be applied consistent with previous tooth arrangement (a denture set up)
Upper PIB, Lower Overdenture

- Porcelain application in process
## UPPER PIB, LOWER OVERDENTURE

- **Final restorations**
  - **Upper**
    - Fixed
    - PIB Zirconium Oxide
    - Screw retained
  - **Lower**
    - Overdenture
    - Locator bar

![Image of teeth]
UPPER PIB, LOWER OVERDENTURE

- Treatment completed
- Upper PIB
  - Zirconium Oxide
  - Screw retained