Bioden, in collaboration with KICET (Korea Institute of Ceramic Engineering & Technology) have developed Zircos-E crown which is a full zirconia crown in hand by our zircona etching solution.)
**Zircos- E etching solution preventing Implant contact loss.**

**Zircos–SC Crown** (Smart contact)

Composite resin for Zirconia

- 0.3mm porcelain
- Zirconia

**Etched surface after treatment**

What is Zircos- SC crown?

The Application of our etching solution and composite resin for zirconia is solution for the problem of contact loss with implant crown.

Certification of bonding strength after etching.
Zircos–E® surface treatment

- Incredible bonding strength!
  Zircos- E, liquid base etching solution roughens crown surface to increase bonding strength with porcelain, cementation and the bonding between a natural tooth and a full zirconia crown.

- Looks and Feels like your own teeth!
  (This Etching solution allows for a natural looking full zirconia crown with application of porcelain.)

- Hassle free adjustment!

- No more micro-cracks!

Zircos-Inlay

- Using Zircos-inlay anterior block can provides same shade color as ceramic inlay in addition to provide more strength.

- Zircos- E etching solution will increase the bonding between a natural tooth and a Zircos – Inlay.
“Don't settle for the old way of making crowns. START MAKE PREMIUM Tooth using our revolutionary ZIRCOS-E etching solution.”

“Be the first to provide this unique service to your clients.”
Zircos-E® Types of Block

**Posterior Block** 1200MPA (1550°C sintering)

- Pure Block
- Shade Block
- Multi Block

**Anterior Block** 800MPA (1500°C sintering)

- Shade Block
- Multi Block
Zircos-E® Aqua Coloring Liquid

Acid free!
Contamination free!

Aqua Coloring Liquid component

<table>
<thead>
<tr>
<th>Dentine</th>
<th>Color</th>
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<tr>
<td>A1, A2, A3, A3.5, A4</td>
<td>Gray, Pink, Violet, Brown, White, Orange, Blue, Dark gray</td>
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<td>B1, B2, B3, B4</td>
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<tr>
<td>C1, C2, C3, C4</td>
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KFDA

FDA
Bioden research institute provides innovative and creative products of excellent quality with accurate information.

Etched Full Zirconia technique
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