Indications

ESTENIA is designed to be used for the following cases:

1. **Jacket crown**
   Depending on the case, the restoration may be lined with a metal coping. In the case of closed bites or in cases where the tooth under treatment is the only bite support, the occlusal contact area should be covered with metal.

2. **Facing crown**
   In the case of closed bites or in cases where the tooth under treatment is the only bite support, the occlusal contact area should be covered with metal.

3. **Inlays and onlays**
**Kit Components**

**Body Resin**
The Body Resin is a light & heat cured, highly filled composite for the fabrication of anterior and posterior restorations. The filler loading is 92 wt% (82 vol%) and it is available, for optimum aesthetics, in five different paste shades: ENAMEL, DENTIN and CERVICAL corresponding to the respective VITA shades; TRANSPARENT for reproducing the transparency of incisal edges; and a special paste for incisal edges.

**CESEAD II OPAQUE**
Cesead II Opaque is a light-cured single paste composite, consisting of a matrix of multifunctional methacrylate monomer. This composite has a high blocking property to mask out color shine through and is available in Body Opaque and OPAQUE MODIFIER.

**CESEAD II OPAQUE PRIMER**
Cesead II Opaque Primer contains the metal adhesive monomer (MDP: 10-Methacryloyloxydecyl dihydrogen phosphate). The Primer accelerates the polymerization of Cesead II Opaque which chemically cures on contact with OPAQUE PRIMER.

**MODELING LIQUID**
This liquid consists of a matrix of multifunctional methacrylate monomer. If the paste is too difficult to place, it is advisable to apply the liquid to the instruments or the hardened Body Resin.

**AIR-BARRIER PASTE**
Air Barrier paste contains a polymerization accelerator for optimum anaerobic conditions. It is applied to the Body Resin prior to curing, to reduce the possibility of poor polymerization of the surface.

**ADD-ON PRIMER**
This primer contains a silane coupling agent and is used to apply an additional amount of Body Resin after shaping. The surface treatment effect enhances the adhesion of applied Body paste to the hardened Body Resin.

**Instruments (for forming)**
Three types of instrument are available for loading the Body Resin. They are shaped to reduce the sticking of the paste and to allow easy fabrication of the crown form.

**JACKET SEPARATE KIT**
A plaster separating agent for jacket crowns. It consists of JACKET SPACER to provide a cement space and MARGIN SEP to separate plaster from the jacket crown. Use of this kit allows the jacket crown to easily release from the working model.

**Polishing set**
The Polishing Set has been carefully designed to ensure optimum aesthetics, for use with ESTENIA. The set consists of a polishing agent containing diamond, a polishing brush, and felt wheel.

**CR SEP II**
A plaster separating agent for inlays and onlays.
Examples of excellent work with Estenia

Above masterpieces have been awarded during the ESTENIA Gallery organized by Kuraray Co., Ltd. in 1999
Flow chart of using

**JACKET SPACER:** Apply & Dry

**Making of metal frame**

**CR SEP II:** Apply & Dry

**MARGIN SEP:** Apply & Dry

**Pretreatment of metal frame**

**CESEAD II OPAQUE PRIMER:** Apply & dry

**CESEAD II Body Opaque (1st layer):** Apply & Light-cure

**Pontic filling**

**CESEAD II OPAQUE PRIMER:** Apply & dry

**CESEAD II Body Opaque (2nd layer):** Apply & Light-cure

**Body Paste:** Apply & Preliminary light-cure

(Crown/Bridge: 30 sec, Inlay/Onlay: 180 sec)

**MODELING LIQUID:** Apply (Optional)

**AIR-BARRIER PASTE:** Apply

**FINAL LIGHT-CURE**

(Crown/Bridge: 300 sec, Inlay/Onlay: 180 sec)

**Releasing from model**

**Heat-cure** (110° C, 15 minutes)

**Removal of low-polymerization layer**

**Shaping & finishing**

**Polishing**

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### Shade selection

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<th>Shade</th>
<th>A0</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
<th>A3.5</th>
<th>A4</th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
<th>B4</th>
<th>C1</th>
<th>C2</th>
<th>C3</th>
<th>C4</th>
<th>D2</th>
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<td>OA4</td>
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<td>OB4</td>
<td>OC1</td>
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<td>OC4</td>
<td>OD2</td>
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ESTENIA

- Opaque (Cesead II Opaque) (2.0 ml): OA1, OA2, OA3, OA3.5, OA4, OB1, OB2, OB3, OB4, OC1, OC2, OC3, OC4, OD2, OD3, OD4
- Body Resin
  - Cervical (6.4 g/2.6 ml): CE1, CE2, CE3, CE4, CE5, CE6, CE7, DARK
  - Dentin (6.4 g/2.6 ml): DA0, DA1, DA2, DA3, DA3.5, DA4, DB1, DB2, DB3, DB4, DC1, DC2, DC3, DC4, DD2, DD3, DD4
- Enamel (6.4 g/2.6 ml): E1, E2, E3, E4
- Transparent (6.0 g/2.6 ml): T, TLV, ST
- Incisal (6.0 g/2.6 ml): AM, WE
- Opaque Primer (Cesead II Opaque Primer) (9.0 ml)
- Modeling Liquid (6.0 ml)
- Add on Primer (6.0 ml)
- Air-Barrier Paste (10.0 ml)
- Accessories
  - CR Sep II (6.0 ml)
  - Jacket Separate Kit (5.0 ml)
  - Margin Sep (5.0 ml)
- Polishing Kit
  - Polishing Compound (10 g)
  - Polishing Brushes (12 pcs)
  - Felt wheels (12 pcs)
- Instruments No. 1.2.3 (1pc each)
- Flat Brush (2 pcs)
- Small Brush (2 pcs)
- Mixing Plate (10 pcs)

CHROMA ZONE COLOR STAIN

- Stain (5.0 ml): Clear (C), White (W), Blue (BLU), Pale Pink (PP), Yellow (Y), Orange (O), Red (R), Brown (BR), Dark Brown (DBR), Russel Brown (RBR), Black (BL)
- Clear Paste (2.0 g/1.2 ml)
- Accessories
  - Mixing Pad, Mixing Plate, Brush, Color Table

CS-110
Light and heat curing system