**Investing the model**
- Thinly coat the inner surfaces with Vaseline.
- Place the access former "half" and the flask lid in the flask half.
- No filter wax component is required.

**Covering with silicone**
- Cover the surface of the moulded denture with addition-curing silicone.
- Do not cover the access former, occlusal surfaces and incisal edges.
- Create retention patterns.

**Casting the counter model**
- Mix the Class III dental stone and slowly pour it into the flask avoiding air entrapment.
- Skim off excess stone.
- Allow the stone to set completely.
- Then heat the flask in a water bath at approx. 90 °C for 5–8 min.

**Boiling out the model**
- Open the flask, remove the access former "full" and roughly remove the wax using a wax knife.
- Boil out the inner surfaces with clean, boiling water.
- Use only pure water without additives for this purpose.

**Preparing for injection**
- Apply Separating Fluid to the stone-to-stone contact surface.
- Position the upper flask half on top and lock using the locking clasps.

**Upper complete denture**
- Attach a sprue that fans out into the palate to the access former.
- Diameter: 3–5 mm
- No aeration wax components are required.
- When fabricating partial dentures, the distal end of each saddle needs to be individually provided with a sprue.

**Lower complete denture**
- Attach injection sprues to the dorsal end.
- Diameter: 3–5 mm
- No aeration wax components are required.

**SR Ivocap® in the IvoBase® System – Quick Guide**

1. **Investing the model**
   - Placing the injection sprues
     - Immerse the model in water, then isolate and invest it using Class III dental stone.
     - The access former "half" needs to be embedded flush in stone.
     - Allow the stone to set completely.
     - Remove the access former "half" and insert the access former "full".

2. **Covering with silicone**
   - Cover the surface of the moulded denture with addition-curing silicone.
   - Do not cover the access former, occlusal surfaces and incisal edges.
   - Create retention patterns.

3. **Casting the counter model**
   - Boiling out the model
     - Apply Separating Fluid to the stone-to-stone contact surface.
     - Position the upper flask half on top and lock using the locking clasps.

4. **Preparing for injection**
   - Mix the Class III dental stone and slowly pour it into the flask avoiding air entrapment.
   - Skim off excess stone.
   - Allow the stone to set completely.
   - Then heat the flask in a water bath at approx. 90 °C for 5–8 min.

5. **Open the flask, remove the access former "full" and roughly remove the wax using a wax knife.**
6. **Boil out the inner surfaces with clean, boiling water.**
7. **Use only pure water without additives for this purpose.**
8. **Apply Separating Fluid to the stone-to-stone contact surface.**
9. **Position the upper flask half on top and lock using the locking clasps.**
10. **Upper complete denture**
    - Attach a sprue that fans out into the palate to the access former.
    - Diameter: 3–5 mm
    - No aeration wax components are required.
    - When fabricating partial dentures, the distal end of each saddle needs to be individually provided with a sprue.

11. **Lower complete denture**
    - Attach injection sprues to the dorsal end.
    - Diameter: 3–5 mm
    - No aeration wax components are required.
4 Mixing the material

• Remove the monomer container from the capsule.
• Remove the capsule seal.
• Twist off the sealing cap of the monomer container.
• Pour the monomer into the capsule containing the polymer.
• Replace the sealing cap of the capsule and re-insert the monomer container.
• Briefly shake the mixture.
• Start mixing immediately following the addition of the monomer (5 min in the Cap Vibrator).
• Place the capsule on a flat surface.
• Remove the sealing cap.
• Press the flask with the centring insert onto the capsule.

5 Loading the injector

Injection and polymerization

Divesting

• Fully insert the flask into the polymerization chamber.
• Close the door of the injector.
• Choose the program.
• Activate the RMR button if desired.
• Start the injection procedure.
• Remove the flask after program completion.
• Cool in cold water (temperature < 15°C) for 15–25 min.
• Remove the locking clasps.
• Secure the flask in the dental hydraulic press with the deflasking aid in place.
• Slide a screwdriver or plaster knife into the joint between the two flask halves and lever off the upper flask half.
• Turn the flask around.
• Repeat the procedure.
• Remove the stone core and separate it from the capsule.
• Divest the denture from the stone core using stone tongs.
• Finish the denture as usual and polish.

<table>
<thead>
<tr>
<th>Program no.</th>
<th>Material</th>
<th>Duration</th>
<th>Duration with RMR</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>IvoBase Hybrid</td>
<td>35 min</td>
<td>45 min</td>
</tr>
<tr>
<td>2</td>
<td>IvoBase High Impact</td>
<td>50 min</td>
<td>60 min</td>
</tr>
<tr>
<td>3</td>
<td>SR Ivocap High Impact</td>
<td>55 min</td>
<td>65 min</td>
</tr>
<tr>
<td>4</td>
<td>SR Ivocap Clear</td>
<td>55 min</td>
<td>65 min</td>
</tr>
<tr>
<td>5</td>
<td>SR Ivocap Elastomer</td>
<td>65 min</td>
<td>–</td>
</tr>
</tbody>
</table>

6/-20 Ivoclar Vivadent – Spare

* With the RMR (Residual Monomer Reduction) function, the residual monomer content can be reduced to below 1%.

See instructions
Ivoclar Vivadent AG | FL-9494 Schaan | Liechtenstein
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