

# SR Ivocap<sup>®</sup> in the IvoBase<sup>®</sup> System – Quick Guide

# 1

## Investing the model

### Placing the injection sprues



- 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.



- 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"**.



### 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.

# 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.



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

# 3

## Casting the counter model

### Boiling out the model

### 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.



- 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.



- Apply Separating Fluid to the dental stone surface.
- Apply a second coat after 5 min.
- Roughen the basal and cervical surfaces of the resin teeth.



- Push the Ivocap **funnel** into the **centring insert** until it snaps into place and position it in the flask.
- Bring together the flask halves and lock them.

# SR Ivocap<sup>®</sup> in the Ivobase<sup>®</sup> System – Quick Guide

## 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.



Program no.	Material	Duration	Duration with RMR
1	Ivobase Hybrid	35 min	45 min
2	Ivobase High Impact	50 min	60 min
3	<b>SR Ivocap High Impact</b>	<b>55 min</b>	<b>65 min</b>
4	<b>SR Ivocap Clear</b>	<b>55 min</b>	<b>65 min</b>
5	<b>SR Ivocap Elastomer</b>	<b>65 min</b>	–
6/-20	Ivoclar Vivadent – Spare		

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



See instructions

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