

Sequences of operations

Class II.

1. Phase in dental office
2. Taking impression – alginate

Both jaws.

1. Phase in dental lab
- Pouring of the models – stone
- Or

Making of bite template or making of a custom tray

2.nd phase in dental surgery

Customized impression - alginate (or elastomeric)

Or

Registration of intermaxillary relationship – occlusion, choice of colour.

3.th phase in dental lab

- Preparation of the model for backup.

All undercuts are blocked out with wax

Also the space

under the future framework is covered with wax

The wax framework is made of special wax, the sprue pins go to the canal in the base of the model.

- Investment with the same investing material – a special flask.

The wax is burnt out and
the form is heated
in a special oven.

After that the casting process
is performed using a special
casting machine.

3rd phase in dental office
Try the metal framework

4th phase in dental surgery

The denture is built up – base is of wax and acrylic teeth are placed into the correct position.

5th phase in dental office – the denture is tried

6th phase in dental lab

The prosthesis with the wax bases is put into a special flask – four parts flask.

Gypsum is used.

After hardening of the gypsum, the flask is open, the wax is removed using hot water, the gypsum is insulated and the wax is replaced with acrylic material. The flask is closed again and pressed in a special machine. After that polymerization of resin takes place in hot water. The denture is finished and polished.

7th phase in dental office:

Final check:

If the prosthesis fits well, occlusion aesthetics.

Prosthesis is given to the patient.