

**Limited partial edentation. Indications and stages of prosthetic treatment with M/A bridge dentures.**

**Variants of combined MetalAcryl Bridge Dentures:**

**A) Depending on type of made metal frame:**

1. On the base of swage crowns.
2. On the base of cast crowns.

**B) Depending on physiognomical properties:**

1. Total physiognomical.
2. Half or semipysiognomical.

**Indications to prosthetic treatment of partial edentation with Metal-Acryl Bridge Dentures on the base of swage crowns:**

- 1) loss of 1 till 3 neighboring teeth in frontal or lateral area;
- 2) loss of one or two premolars;
- 4) loss of two premolars and the first molar;
- 5) permissible loss of two premolars on one side of the jaw, the first and the second molars with preserved and well-developed third molar.

**Contraindications to prosthetic treatment of partial edentation with metal-acryl bridge dentures on the base of swage crowns:**

**Local:**

**Relative:**

- young patient (till 18 – 23);
- inflammation process in apical tooth area;
- inflammation or pathological process in mucosa of the oral cavity etc.

**Absolute:**

- absence of more than 3 neighboring teeth;
- III degree of pathological tooth mobility of support teeth;
- untreated or impossible to treat inflammation process in apical tooth area;

**General:**

**Relative:**

- cardiac accident;
- infection diseases;
- some mental diseases in acute form etc.

**Absolute:**

- some mental disorders;
- allergic reaction to used material etc.

**Stages of combined M/A Bridge Dentures on the base of swage crowns manufacturing:**

**CL** – patient's examination, diagnosis, choosing method of treatment, anaesthesia making, support teeth preparation (depending on chosen method), taking impressions, determining and registering CR and VD, protection of prepared teeth;

**LAB** – making a patterns, their fixing in simulator, modeling swage crowns and their testing on gypsum mold.

**CL** – testing crowns in the oral cavity, taking impression from the dental arch with swage crowns put on the support teeth;

**LAB** – making a model with swage crowns on it, modeling pontic, casting, soldering pontic of future BD to tested swage crowns, testing the BD on the model.

**CL** – testing BD in the oral cavity, processing depending on used method, determination of acrylic colour;

**LAB** – final processing, polishing and finishing soldering BD.

**CL** – final testing and fixing of soldering BD in the oral cavity.

**Metal-acrylic Bridge Denture on the base of cast crowns** is cast bridge, which, along with high accuracy can achieve a good cosmetic effect, thanks to Plastic covering all parts of prosthesis' wall.

**Clinical-laboratory stages of M/A on the base of cast crowns BD manufacturing:**

**CL** - examination of the patient, diagnosis, treatment plan, retraction of the gums, getting impressions, determination and fixation of centric occlusion and vertical dimension, making and fixing temporary bridge denture;

**Lab** – manufacturing working and auxiliary models and their fixing in simulator, modeling framework from wax, retention pearls glued to the framework, changing wax on metal, polishing and grinding metal bridge framework;

**CL** – verification the design of the metal frame, determination the color of plastic liner;

**Lab** – wax part modeling, changing wax on plastic by polymerisation, polishing;

**CL** – testing and fixing BD, recommendations.