

## Guidelines for practice

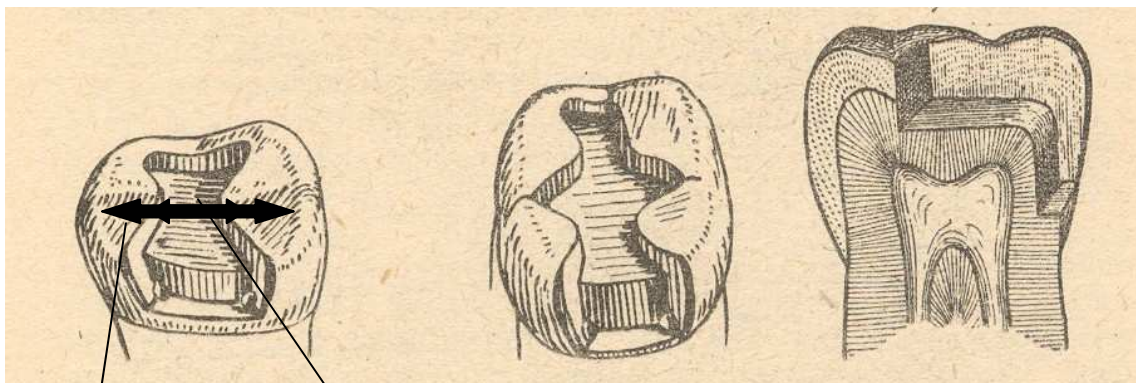
### Carving the class II. cavity in a gypsum model.

1. Study class II. Preparation put on web. (is.muni. - preclinical dentistry II., lecture-study materials). Be familiar with the design of the cavity.
2. You will carve the cavity in gypsum model. The steps will be:
  1. Cavity outlines (the borders of the proximal box will be between proximal and oral/buccal surface, be careful about the cavosurface angle).
  2. Take an excavator and excavate the cavity – see the model
  3. Take a probe and create the box with undercuts.
  4. Take a tooth brush and clean the tooth.

### Preparation of the cavity in the resin models (we prepared in these models other cavities).

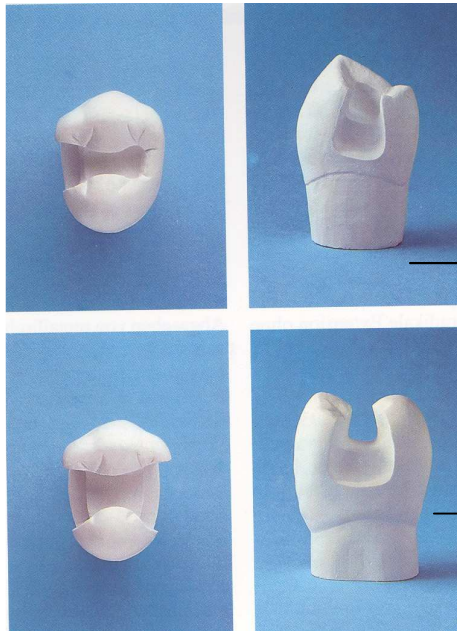
1. Take a fissure bur and prepare the cavity starting from the middle. The depth is approx. 2 – 3 mm occlusal. The proximal box is limited by: gingival border, axial wedges. The gingival wall approx. 1 - 2 mm wide, perpendicular to the axial wall. The depth of the proximal box is approx. 2 mm. Isthmus is approx  $\frac{1}{4}$  -  $\frac{1}{3}$  of intercuspal distance.
2. Prepare 1 cavity in the molar, 1 in the premolar.
3. Put the base mixed of zincphosphate cement – on both pulpal walls.

### The MO cavity in the premolar and the molar – prepare these cavities.



Intercuspal distance

Isthmus



DO cavity  
in premolar

MOD  
cavity in  
premolar



Base should be put on pulpal walls only,  
there must be space enough for the filling.