

Important remarks:

Basic rules of cavity preparation:

3 main rules:

Extension for prevention – cavosurface margin located in areas where risk of secondary caries is minimized.

Retention – the filling must not fall out

Resistance – the filling as well as the tooth (the restored tooth) must face up to bite forces.

Retention – connection with hard dental tissues:

Amalgam – macroretention

Composite – microretention

Glassionomer_ - chemical binding

Caries danger areas:

Interproximal spaces, areas below maximal convexity, pits, fissures

Habitually clean areas:

Proximal ridges, cusps, incisal edges, areas above the maximal convexity.