

Prevention and therapy of erosion – new strategies

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Preventive and therapeutic strategies, in particular the role of fluorides, will be presented with special emphasis on the histology and pathomechanism of erosive tissue loss. The main topic of the presentation will be the current state of knowledge about effective causal and symptomatic strategies for therapy of erosion. Causal therapy essentially means the identification and elimination of the acid source whilst symptomatic measures aim to strengthen or protect the tooth surface so that both erosive demineralisation and loss of microhardness are inhibited. Substances that lead to acid resistant mineral precipitations in or on the tooth surface or that form permanent coatings are suitable for this. An update on the role of fluorides and other active ingredients will be presented.