



Further diagnostic and therapeutic concept depending on pH value difference

pH difference < 0,5:

Low acid formation potential (no risk of caries)

No further measures necessary (basic prophylaxis)

pH difference > 0.5 < 1:

Medium acid formation potential (risk of caries

- Nutritional control
- · Oral hygiene
- Remotivation
- Check-up in 3-4 months

pH difference > 1:

High acid formation potential (high risk of caries)

- · Control of other saliva parameters (secretion, buffer, saliva pH)
- · X-ray check for hidden caries
- · Sugar substitution, nutritional control, reduction of pulses/amount
- · Seals in retentive fissure systems
- · Intensive therapy to reduce caries-relevant germs
- · Oral hygiene intensification
- · Close control with PTC/CHX varnishes/gels
- · Fluoridation concept (gel, paste, varnish)

pH difference > 1,2:

Extremely high acid formation potential (very high risk of caries)

- · Control of other saliva parameters (secretion, buffer, saliva pH
- · X-ray check for hidden caries
- · Intensive therapy germ count reduction
- · Sugar substitution, reduction of pulses/amount
- · Establish an active chewing nutritional situation
- · Fluoridation concept (varnishes/gels)
- · Application foils for CHX/fluoride
- Regular (follow-up) controls of subclinical saliva parameteres
- · Hygiene intensification, intensification of the PTC, clos-knit controls
- \cdot Checking restorations, tooth necks, checking for root caries
- Fissure sealing, dealing with discoloration