

Abrasion (Dentistry)

Abrasion means mechanical **grinding**. This is a pathological process of tooth tissue loss that affects the area of the corona dentis ("wedge-shaped defect") of the canine and premolar caused by an extraordinary mechanical influence. Extraordinary mechanical influences include:

- bad brushing technique ;
- prosthesis pressure;
- toothpastes with an abrasive effect (cause surface [[enamel] defects);
- bad habits;
- hard toothbrushes (they cause wedge-shaped defects on the necks of the teeth during the horizontal tooth cleaning technique);
- genetic predisposition;
- occupational disease (glaziers).

As a result of long-term abrasion, there is a gradual loss of hard dental tissues, which manifests itself in increased sensitivity of the teeth. In the case of wedge-shaped defects, there is also a risk of exposing the pulp and breaking off the crown.

- **Example:** Abrasion of hard dental tissues with an inappropriate toothbrush, bruxism , bad orthodontic situation, ...



Abrasion of teeth

Abrasion of the skin

Links

Related articles

- Atrice
- Erosion
- Tooth resorption

References

- LIŠKA, Karel. *Orofaciální patologie*. 1. edition. vydavatel, 1983. 159 pp. ISBN 3180840161.
- WEBER, Thomas. *Memorix zubního lékařství : překlad 2. vydání, 279 vyobrazení*. 1. edition. Praha : Grada, 2006. 430 pp. ISBN 80-247-1017-X.