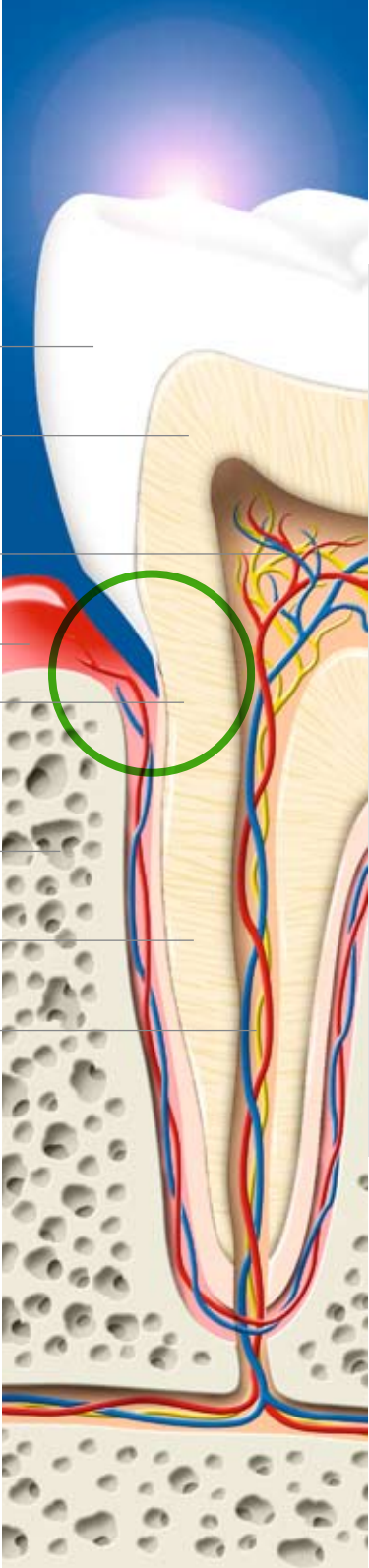


Exposed, sensitive tooth necks ...

- Dental enamel
- Dentin
- Dental pulp
- Gum
- Dentin canals
- Jaw bone
- Tooth root
- Root canal



... can be sealed with a special Gluma® Desensitizer protective layer.



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Gluma® Desensitizer

Teeth don't have to be oversensitive

Patient information

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Enjoy life without discomfort



Sweet chocolate or sour apples, salty brezels, ice-cold drinks or hot food cause intense and stabbing pain around the neck of the tooth in around twenty percent of all adults, which can seriously affect daily well-being.

Together with your dentist, you can now quickly do something against this condition with a long-lasting effect. And once again enjoy life with every bite and sip.

The **dental enamel** covers the tooth crown and is the hardest part of the tooth (and the hardest substance in the whole body). Beneath the enamel is dentin, which makes up the largest part of the human tooth. Dentin is highly elastic, malleable, and is less hard and also more permeable than enamel. **Dentin** is filled with fine channels, the **dentin canals**, which can only be seen with a scanning electron microscope. They form the connection with the **root canal** and the **nerve**.

How oversensitive tooth necks arise



If the gum retreats and part of the dentin is then exposed, oversensitive tooth necks may result.

Frequent causes are:

- **Peritonitis**
The gum is infected by bacteria in periodontal pocket.
- **Misuse of alcohol or tobacco**
The accompanying poor blood flow and inadequate immune defence leads to diminution of the gums.
- **Natural abrasion and wear**
Loss of dental enamel is part of the natural aging process.
- **“Grinding” or poor dental alignment**
Can also cause shrinking of the gums.
- **Wedge-shaped defects**
May be of various origins and expose the dentin.

Protection for sensitive tooth necks

Many patients with sensitive tooth necks succumb to the pain and go without foodstuffs, such as sweets or refreshing cold water with their hot espresso – and so deprive themselves of an important part of their quality of life.

But there is effective help for those affected: sealing of sensitive tooth necks with a special Gluma® Desensitizer protective layer.

- Gluma® Desensitizer seals the minute canals which lead to the tooth nerve and so prevent unpleasant stimuli from being able to penetrate inside the tooth.
- Gluma® Desensitizer is simply applied to the sensitive tooth necks and unpleasant hypersensitivities are reduced effectively.

Extra tip: Preventive measures can additionally protect against sensitive tooth necks.

- Use toothpaste for sensitive teeth, with which a covering layer containing fluoride is applied on the dentin.
- Use a gentle toothbrush whose bristles do not attack the sensitive tooth necks.

Ask your dentist about treatment with Gluma® Desensitizer.