



**Zahnärztliche Gemeinschaftspraxis**  
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## **Information sheet about dental local anesthesia**

**Local dental anesthesia** (local numbing) is used to switch off the sensation of pain in the tooth, mouth and jaw area, so the dental treatments can usually be carried out painlessly. The dental, oral and jaw region is mainly supplied by the trigeminal nerve (one of the cranial nerves). In order to numb it, the local anesthetic is placed as close as possible to small nerve fibers (**infiltration anesthesia**), in the teeth holding apparatus (**intraalveolar anesthesia**) or near one of the three main branches of the trigeminal nerve (**block anesthesia**). Although local anesthesia is a safe procedure, side effects and intolerance to the substances used are not necessarily avoidable. In addition, the following complications, among others, can occur:

**Hematoma / bruise:** Damaging small blood vessels can cause bleeding into the surrounding area. If the injection causes bleeding into the masticatory muscles, the opening of the mouth may be restricted and pain may occur, and in very rare cases it may lead to infection. Please inform us if you notice any signs so that appropriate treatment can be provided. Normally there is a complete restoration of function.

**Nerve damage:** In the case of block anesthesia, nerve fibers can be damaged in very rare cases. Temporary or permanent sensory disorders are possible as a result. This mainly applies to local anesthesia in the lower jaw, which can affect the corresponding half of the tongue or the lower jaw lip region. There is no special treatment for this damage. The possibility of a spontaneous healing must be awaited.

**Inability to drive:** The local anesthesia and the dental treatment can impair the ability to concentrate and react. The main reason for this is not the medication used, but rather stress and anxiety in connection with the treatment, as well as complaints in the area of the intervention. You should therefore not actively participate in road traffic while the local anesthetic is working.

**Self-harm:** If, in addition to the treated tooth, the surrounding area (e.g. tongue, lip, cheek) is anesthetized, please refrain from eating and smoking as long as the anesthesia is effective. In addition to bite injuries, frostbite and burns are also possible.

I understood this explanation. All of my questions have been answered to my satisfaction.

**Yes**

**No**

Whether you would like local anesthesia before or during a treatment, you are welcome to decide in a conversation with us.

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Date

Signature and name in BLOCK CAPITALS