

Anesthesia for tuber maxillae

Anesthesia for the tuber maxillae is one of the basic seductive anesthetics in the upper jaw. It is used especially for extensive extractions of molars or during surgery in the given area in combination with anesthesia for nervus palatinus major. In practice, infiltration anesthesia is more often used for simple extraction of molars.

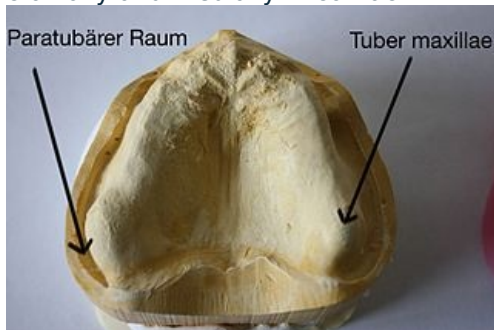
In the region of the tuber maxillae, the "nervi alveolares posteriores of the nervus maxillaris" (*the second branch n. V*) originate from the bone. We find them at the level of the distal part of the third molars, approximately 2 cm above the edge of the alveolus of the upper jaw.

Extent of Anesthesia

All three permanent molars (6, 7, 8) with adjacent vestibular mucosa and periosteum. note In the M1 area, the innervation may be partly from the nervi alveolares superiores mediales from the nervus infraorbitalis.

Performing anesthesia

With the patient's mouth closed. The injection site is in the area of the highest part of the upper vestibule distal to the crista zygomaticoalveolaris, which corresponds to the area of distal M2. The needle is directed dorsally, cranially and medially in contact with the bone. At a depth of 2 cm, we aspirate and deposit 1.5 ml of anesthetic.



Onset of anesthesia

About 3-5 minutes.^[1]

Complications

Damage to the pterygoid plexus with the development of a hematoma. In this case, compression, icing is necessary. There is a risk of hematoma infection.

Links

Related Articles

Seductive anesthesia in HČ:

- Anesthesia at the infraorbital foramen
- Anesthesia for foramen incisivum
- Anesthesia for foramen palatinum majus

Seductive anesthesia in DČ:

- Mandibular anesthesia
- Anesthesia at the foramen mentale

References

1. ŠCHIGEL, Vladimír. *Lokální anestezie v praxi zubního lékaře*. 1. edition. Quintessenz, spol. s.r.o, 0000. ISBN 80-903181-4-2.

References

- PAZDERA, Henry. *základy ústní a čelistní chirurgie*. 1. edition. Olomouc : Palacký University in Olomouc, 2007. ISBN 978-80-244-1670-0.

