

Local Anesthesia complications

1. Local complications
2. Systemic complications

DOCTOR MUST BE INFORMED WHENEVER PATIENT EXPERIENCES ANY OF THESE COMPLICATIONS.

Please note: The cost of management of complications (if any) is not covered in the treatment charges.

► Local complications (chances minimal, mostly manageable)

1. Needle breakage: Frequency greatly reduced since stainless steel needle.
2. Prolonged anesthesia: Usually reverts to normal without treatment.
3. Trismus : Exercises, drug therapy, muscle relaxant is administered.
4. Soft tissue injury: Atraumatic procedure with minimum or no pain to the patient.
5. Hematoma : As a rule, if after needle insertion, haematomas, usually resorb over time, with no residual effect other than discoloration that goes away in few days time.
6. Pain during injection:
7. Infection: All areas should be cleaned with suitable antiseptic, before needle is inserted.
8. Edema
9. Post anesthetic intraoral lesions
10. Damage to adjacent hard and soft structure (Chances minimal, mostly manageable)

► Systemic complications

(chances minimal mostly manageable)

1. Toxicity: In severe cases, patency of the airway, with artificial ventilation, positional changes and ABC rule of emergency if followed.
2. Idiosyncrasy: Maintenance of airway, adequate oxygen, proper circulation, drugs and or parenteral fluids.
3. Allergy: Antihistamine administration if upper airway and respiratory embarrassment are noted. 100% oxygen is advisable.



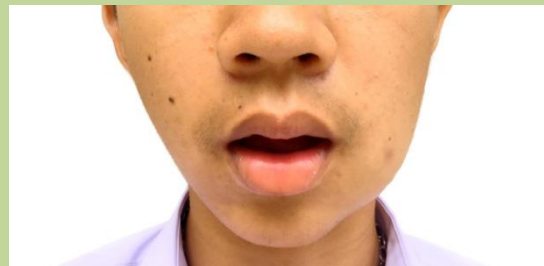


Allergic Reaction:

- Uncommon.
- Manifestations: edema, eczema or urticaria.
- **Anaphylactic shock** : more severe form of allergy >> **Med. Emergency.**
- Tx: .1-.5 ml of 1:1000 **epinephrine injection** >> the base of the tongue.



It is important for the attendant to check for any blood spots (sign of continued bleeding) around the mouth and bed of the patient after the patient has slept, for 1-3 hours, on the day of surgery. If there is any sign of swelling, or even the slight increase in size of swelling, or fever, it should be reported to the doctor immediately.



We have never had a complication related to local anesthetic administration , as strict protocols are followed and sensitivity tests are performed before administration is done.