

Get up your nerve to deal with the mandibular nerve

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Educational Objectives:

The paresthesias of the inferior dental nerve consists of a complication that can occur after performing various dental procedures such as cystectomies, extraction of impacted teeth, apicoectomies, endodontic treatments, local anesthetic deposition, preprosthetic or implantologic surgery. The possible mechanisms of nervous lesions are mechanical, chemical and thermal. Mechanical injury includes compression, stretching, partial or total resection. This could be done during surgical procedure to laterally reposition the mandibular nerve in preparation for placement of implants or extraction of the lower third molar or during endodontic surgery to take off overfilling materials from the mandibular canal. Chemical trauma can be due to certain toxic components of the endodontic filling materials and irrigating solutions. Thermal injury is a consequence of bone overheating during the execution of surgical techniques. We present different clinical cases of paresthesia of the inferior dental nerve to explain the etiology and the treatment of this complication step by step.

3 Main Points:

At conclusion, participants should be able to:

- _perform how to treat the complication that can occur
- _perform how to manipulate the inferior dental nerve.
- _perform how to increase the rate of success of the surgical act.