

## Peer Review File

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### **Reviewer A**

In spite of profound information on injury of the trigeminal nerve, your manuscript needs better organization in structure, which means that Introduction and Summary or Conclusion is needed. The aims of the review should be presented in "Introduction". In addition, it would be better to a bit shorten the body of the manuscript , I think.

Please see Page 2, Line 56

### **Reviewer B**

Well written paper, which features very useful summaries of the mechanisms, physiology and management of nerve injuries.

Specific comments:

**Comment 1:** Page 3 - significant increase in nerve injury when lingual retraction or tooth sectioning are performed? Your reference supporting for this statement is almost 30 years old and based on a survey. Please consider using more recent studies to back up this statement and consider more discussion of this point as it is of great importance to oral surgeons.

**Reply 1:** Reference #6 was deleted and replaced with a more recent prospective study to support this statement. Additional information was added (Page 4, line 82) to elaborate on this topic.

**Comment 2:** I suggest including a table summarising the nerve injury classifications.

**Reply 2:** Table #1 has been added to summarize the Medical Research Council Scale classification of sensory recovery

**Comment 3:** Would it be possible to include an image of Von Frey monofilaments and the various tools used to assess patients with nerve injuries? I feel that these would benefit the reader.

**Reply 3:** New figures 2a, 2b, 2c, and 2d have been added to compliment the written description of neurosensory testing.

**Comment 4:** I would also draw your attention to two references which are relevant to this study: Coulthard P, Kushnerev E, Yates JM, Walsh T, Patel N, Bailey E, Renton TF. Interventions for

iatrogenic inferior alveolar and lingual nerve injury. Cochrane Database of Systematic Reviews 2014, Issue 4. and Bailey E, Kashbour W, Shah N, Worthington HV, Renton TF, Coulthard P. Surgical techniques for the removal of mandibular wisdom teeth. Cochrane Database of Systematic Reviews 2020, Issue 7.

Reply 4: These references were both reviewed. Due to concerns over the length of the body of the manuscript, specific information from these references was not included in the present review article.