



# Lingual anesthesia of the lower anterior teeth, which technique is better?

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Dear editor,

This letter is in reference to the article “Lingual anesthesia of the lower anterior teeth, which technique is better” by Saif Saadedeen Abdulrazaq [1]. We commend the author for the meticulous study and the important contribution to the dental and oral surgery field, as it documents the need of a more effective local anesthetic technique for lingual anesthesia of the soft tissues. However, there are certain points of concern in the journal which we would like to highlight. In the methodology, the author has not mentioned the gauge of the needle used for the injection techniques, as it can affect the success of the periodontal ligament (PDL) technique and may influence the result of the study. Also, the author has stated that the PDL technique could be used for conservative treatment of the primary teeth. But the article cited by the author has clearly mentioned that the PDL anesthetic injection technique is not recommended

for the primary teeth because of the chance of enamel hypoplasia and hypomineralization of the permanent tooth in relation to the injection site [2]. We would once again like to compliment the author for conducting a very useful study and hope my suggestions can be used in further similar studies.

## References

1. Abdulrazaq SS (2019) Lingual anesthesia of the lower anterior teeth, which technique is better? *Oral Maxillofac Surg* 23(2):221–224
2. Moore PA, Cuddy MA, Cooke MR, Sokolowski CJ (2011) Periodontal ligament and intraosseous anesthetic injection techniques: alternatives to mandibular nerve blocks. *J Am Dent Assoc* 142:13S–18S

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