



Mutan Hamdi Aras

Does low-level laser therapy have an antianesthetic effect? A review

Yazarlar Mutan Hamdi Aras, Mehmet Melih Ömezli, Metin Güngörmüş

Yayın tarihi 2010/12/1

Kaynak Photomedicine and laser surgery

Cilt 28

Sayı 6

Sayfalar 719-722

Yayıncı Mary Ann Liebert, Inc.

Açıklama Because local anesthetics are vasodilators, they tend to be absorbed into the bloodstream from the operative field as a result of the vasodilation of peripheral arterioles. To counteract this vasodilation, vasoconstrictive agents are often included in local anesthetic solutions to provide a longer duration of anesthesia. Low-level laser therapy (LLLT) has the same benefits, such as microcirculation activation and more-efficient tissue metabolism, analgesic effects, and vasodilatation. If LLLT is used to prevent pain postoperatively, improvements in local circulation and increased vasodilatation may increase the absorption of a local anesthetic agent. This may reduce the duration of the anesthesia, thereby allowing postoperative pain management to begin sooner. The maximal intensity of pain occurs during the first hours after surgery, when the local anesthetic has worn off. Theoretically, postoperative pain control can be ...

Toplam alıntı sayısı [Alıntılanma sayısı: 37](#)

2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

Google [Does low-level laser therapy have an antianesthetic effect? A review](#)
Akademik MH Aras, MM Ömezli, M Güngörmüş - Photomedicine and laser surgery, 2010
makaleleri [Alıntılanma sayısı: 37](#) [İlgili makaleler](#) [5 sürümün hepsi](#)