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Efficacy and safety of anesthesia on the lower jaw

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We studied the effectiveness and safety of anesthesia on the lower jaw according to P.M.Egorov and J.Gow-Gates. The study involved 92 patients, age 21-50 years have included: The removal of impacted and dystopic teeth K01.0, removal of teeth with chronic apical periodontitis K04.6. The method was compared according to P.M.Egorov - 45 patients, according to J.Gow-Gates - 47. Clinical assessment of painful interventions (MGMSU method) was used. Recorded complications hematoma, positive aspiration samples, posleinektsionnye pain. In inflammation during anesthesia by P.M. Egorov efficiency - 89% at John. J.Gow-Gates, 96%. The number of complications was 1.9%, and method to P.M.Egorov - 2.2%. During surgery removal of impacted and dystopic teeth using the method of J.Gow-Gates, 2, 6 times less likely to carry out additional pain relief than applying the method of P.M.Egorova.

Recent Publications

1. Aggarwal V et all. Does the volume of supplemental intraligamentary injections affect the anaesthetic success rate after a failed primary inferior alveolar nerve block? A randomized-double blind clinical trial. *Int Endod J.* 2018;51:5–11.
2. Christian Knipfer et al. Local anaesthesia training for undergraduate students – how big is the step from model to man? *BMC Medical Education* 2018; 18:308 <https://doi.org/10.1186/s12909-018-1389-6>.
3. DiMarco AC et all. Rescuing Failed Inferior Alveolar Nerve Blocks. *Decisions in Dentistry.* 2018;4(6):18–20.
4. Malamed SF. *Handbook of Local Anesthesia.* 6th ed. St. Louis, Mo: Elsevier Mosby, 2013, pp. 428. 1186/s12909-018-1389-6.
5. Sawadogo A. et al. Success rate of first attempt 4% articaine para-apical anesthesia for the extraction of mandibular wisdom teeth. *Journal of stomatology, oral and maxillofacial surgery,* 2018.

Biography

Bogayevskaya Oksana, in 2002 graduated from the Moscow state medico-dental university. Now she is teacher of Peoples' Friendship University.

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