Inferior Alveolar Nerve Block : Strategies for Success

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Inferior alveolar nerve block is widely used in dental clinical practice and plays a crucial role in achieving mandibular molar anesthesia. Research has reported that the failure rate of inferior alveolar nerve block can be as high as 20%. Therefore, a comprehensive understanding of the anatomical basis is imperative for the success of this anesthesia technique. Particularly, a thorough comprehension of the pterygomandibular space and the mandibular nerve, where inferior alveolar nerve block is administered, is vital to enhance the effectiveness and safety of inferior alveolar nerve block. This lecture aims to explore methods to improve the success rate of inferior alveolar nerve blocks, based on anatomical knowledge of the pterygomandibular space and the mandibular nerve.

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