

06.11. 2019



Универзитет “Гоце Делчев”
Факултет за медицински науки
трет циклус на студии -
работилница

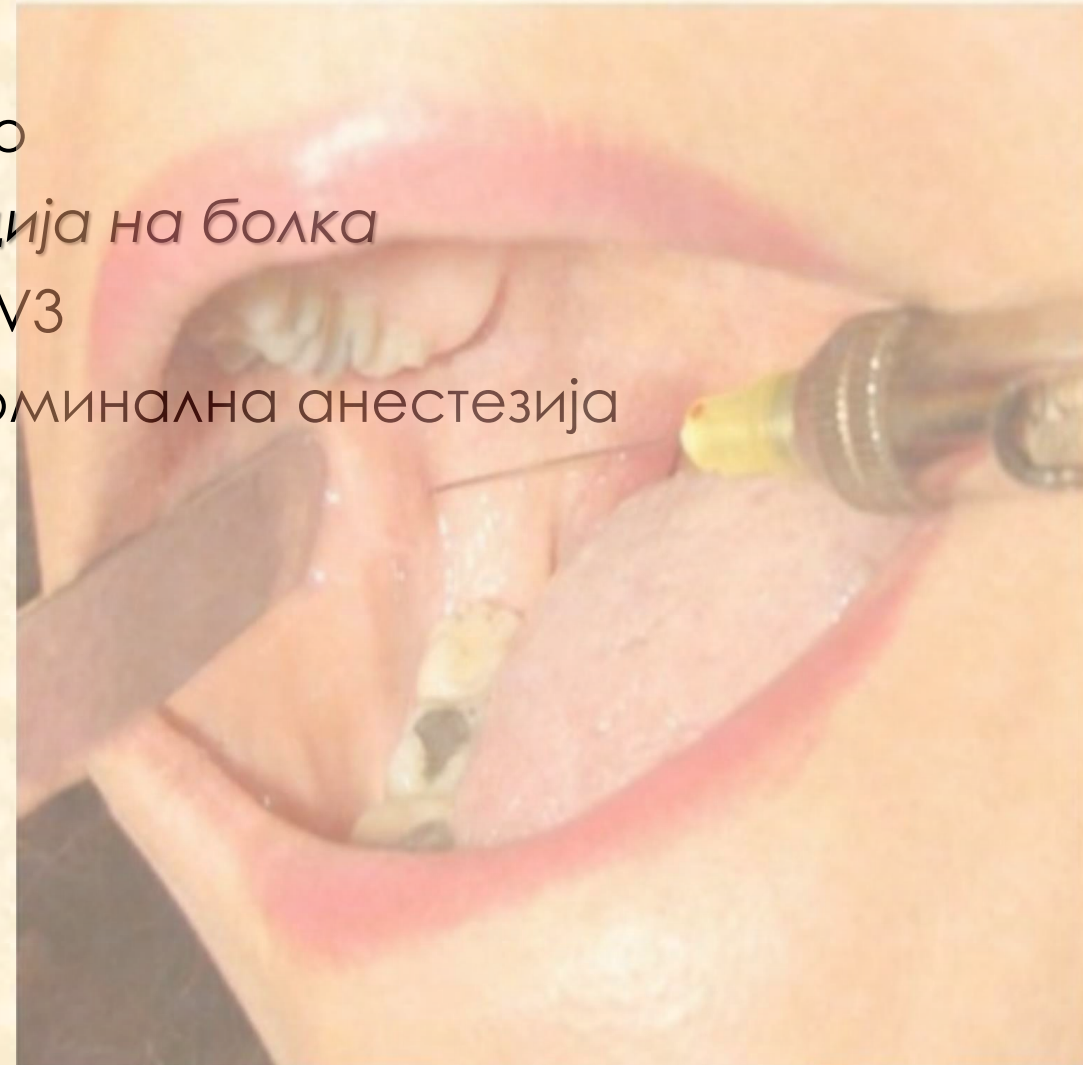
АЛТЕРНАТИВНИ МАНДИБУЛАРНИ АНЕСТЕЗИИ

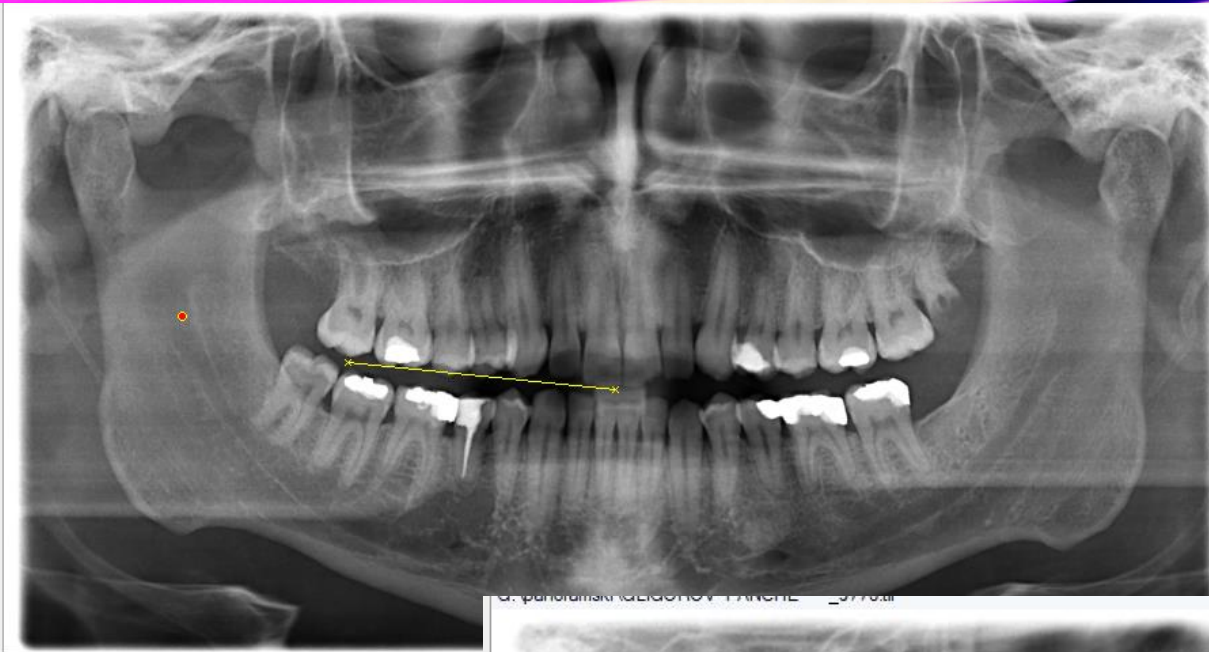
Проф. д-р Цена Димова

МАНДИБУЛАРНА АНЕСТЕЗИЈА

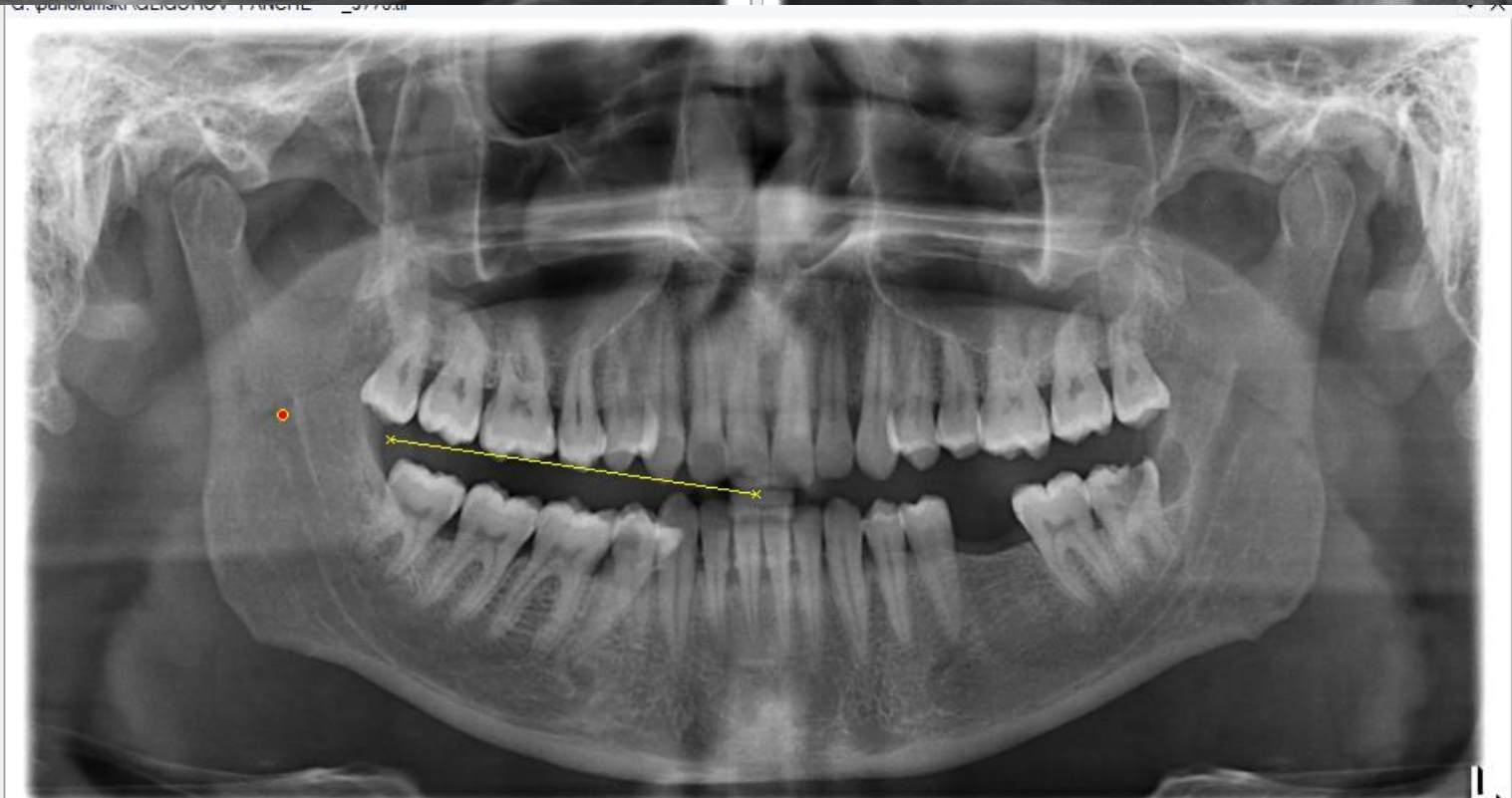
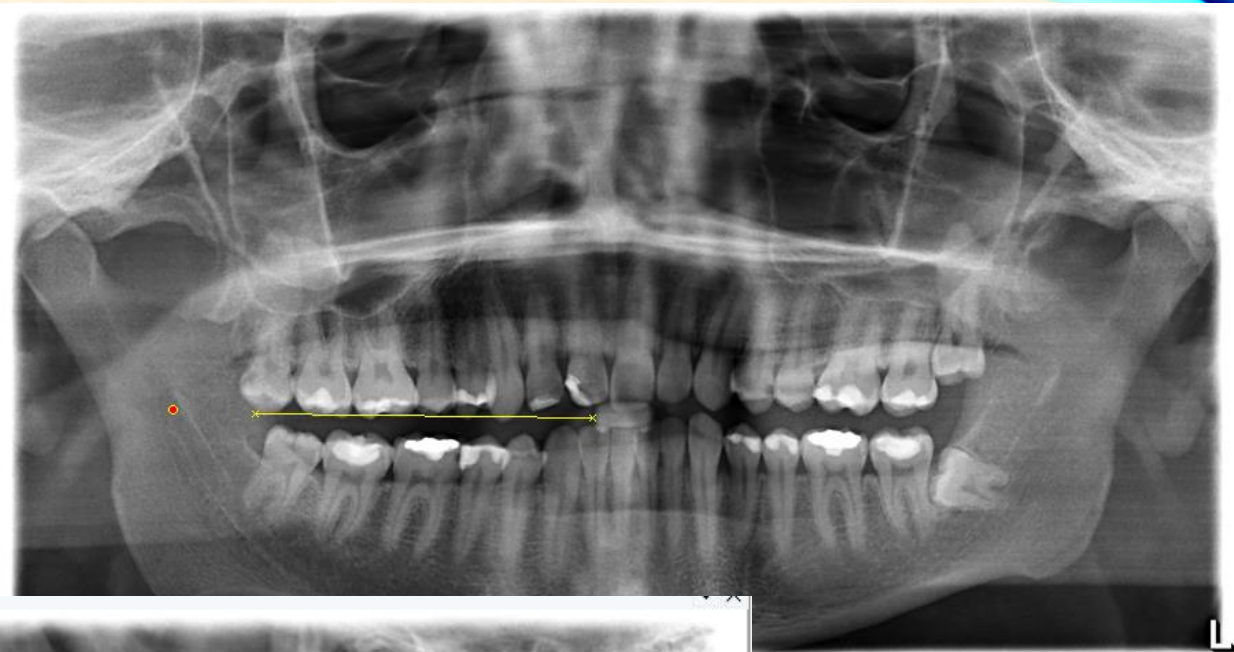
- Болка – непријатно емоционално искуство
- *Природна перцепција за болка ----- реакција на болка*
- 1884, Dr. William S. Halsted – N.mandibularis V3
- Втора најзастапена анестезија, после терминална анестезија

• **15% неуспех**

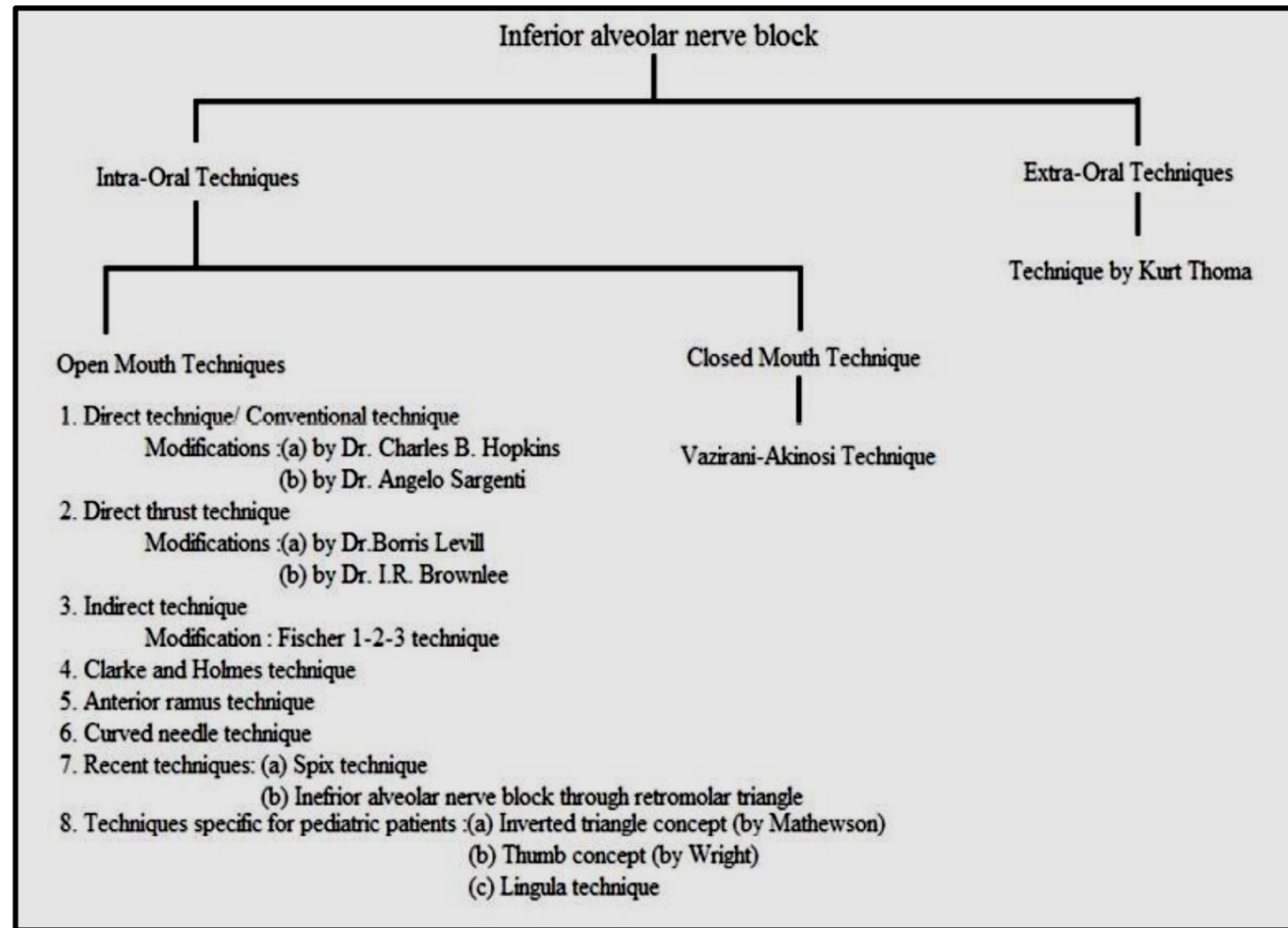




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КЛАСИФИКАЦИЈА НА БЛОК ТЕХНИКИ ЗА N. ALVEOLARIS INFERIOR



Niraj S Gokhale., et al. "Alternative Approaches for Inferior Alveolar Nerve Technique in Children: A Review". *Acta Scientific Dental Sciences* 3.2 (2019): 10-1

INTRA-ORAL TECHNIQUES

OPEN-MOUTH TECHNIQUE

1. Direct technique/conventional technique

- Modification by Dr. Charles B. Hopkins
- Modification by Dr. Angelo Sargenti

2. Direct thrust technique

- Modification by Dr. Borris Levill
- Modification by Dr. I.R. Brownlee

3. Indirect technique

- Fischer 1-2-3 Technique (Modification)

4. Clarke and holmes technique

5. Anterior ramus technique

6. Curved needle technique

7. Recent techniques

- Spix technique
- Inferior alveolar nerve block through retromolar triangle

8. Techniques specific for pediatric patients

- Inverted Triangle Concept (by Mathewson)
- Thumb Concept (By Wright)
- Lingula technique



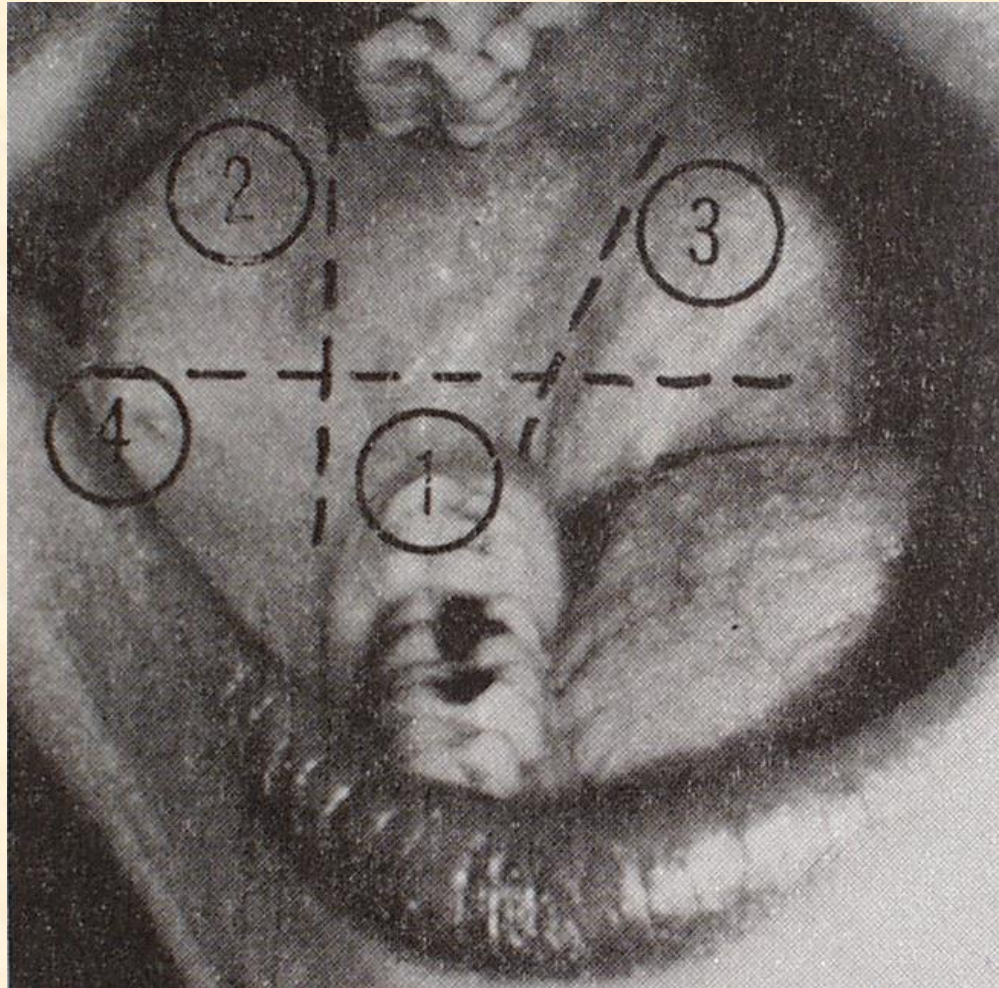
CLOSED MOUTH TECHNIQUE

- **Vazirani-Akinosi technique**

EXTRA ORAL TECHNIQUE

- **Technique by Kurt Thoma**

ТОПОГРАФСКИ ЕЛЕМЕНТИ – ОРИЕНТАЦИОНИ ПАРАМЕТРИ ЗА МАНДИБУЛАРНА АНЕСТЕЗИЈА

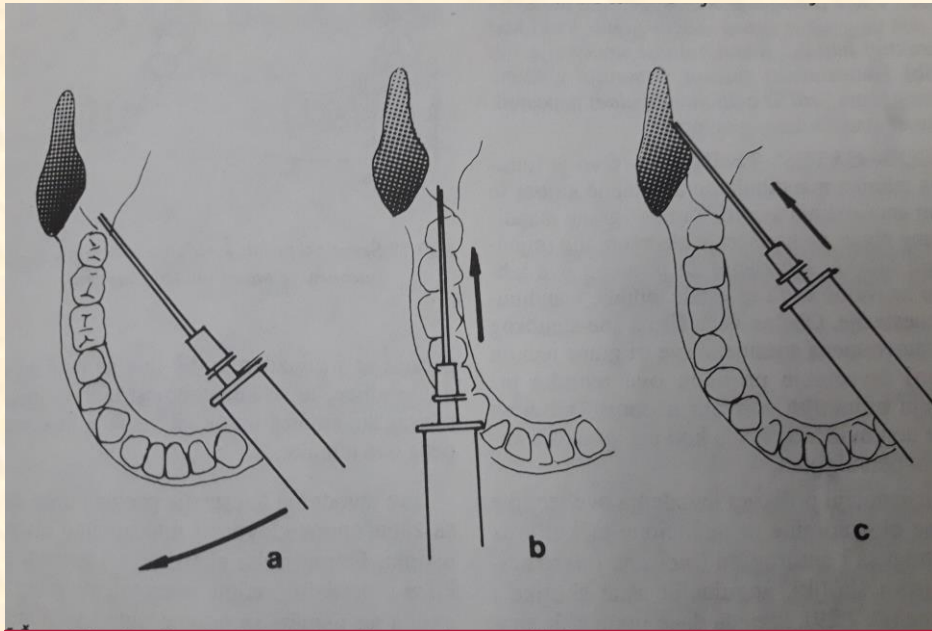


1. **Trigonum retromolare**
2. **Margo anterior**
3. **Plica pterygomandibulare**
4. **ниво на foramen mandibulae**

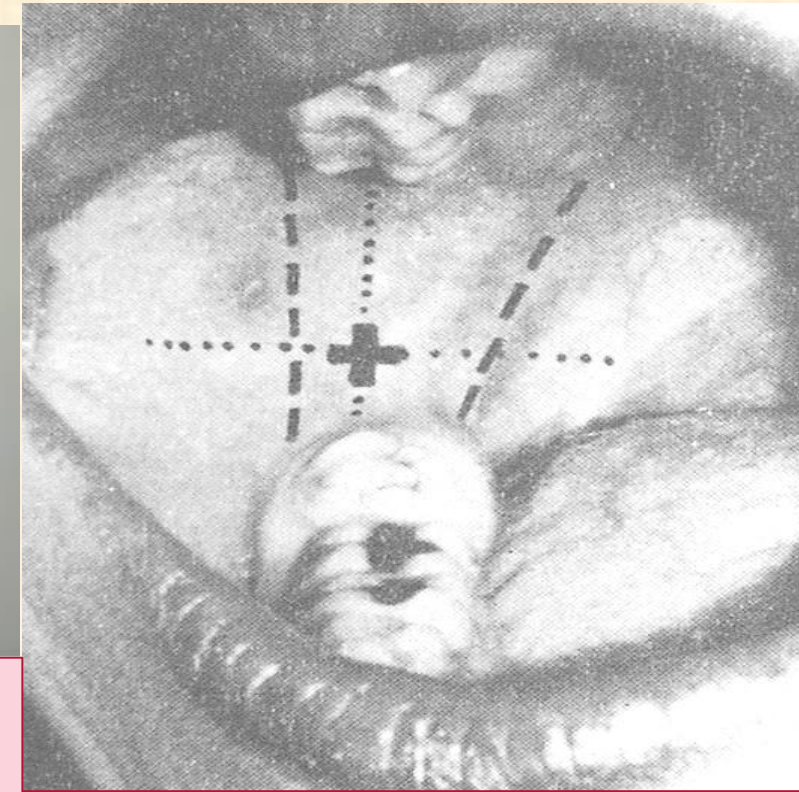
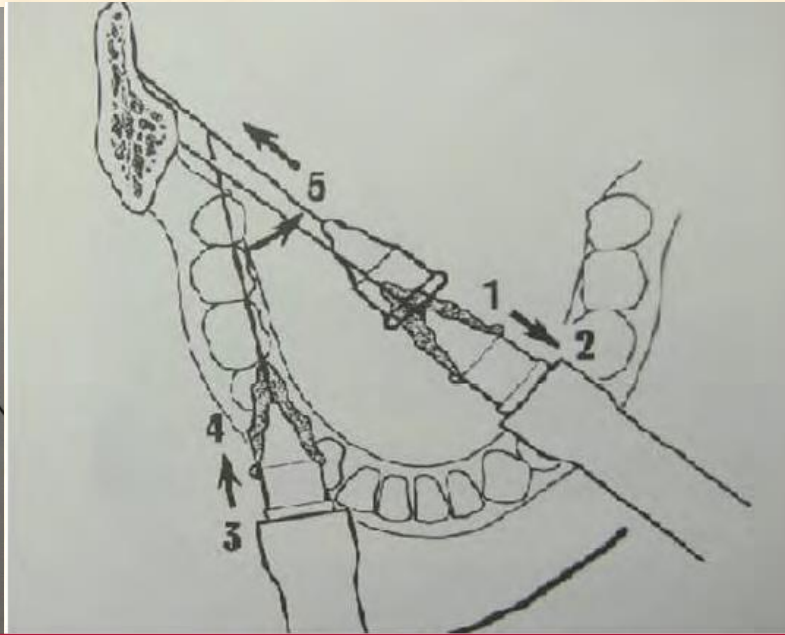
МАНДИБУЛАРНА АНЕСТЕЗИЈА

- Индиректна
- Директна
- Индиректно-директна

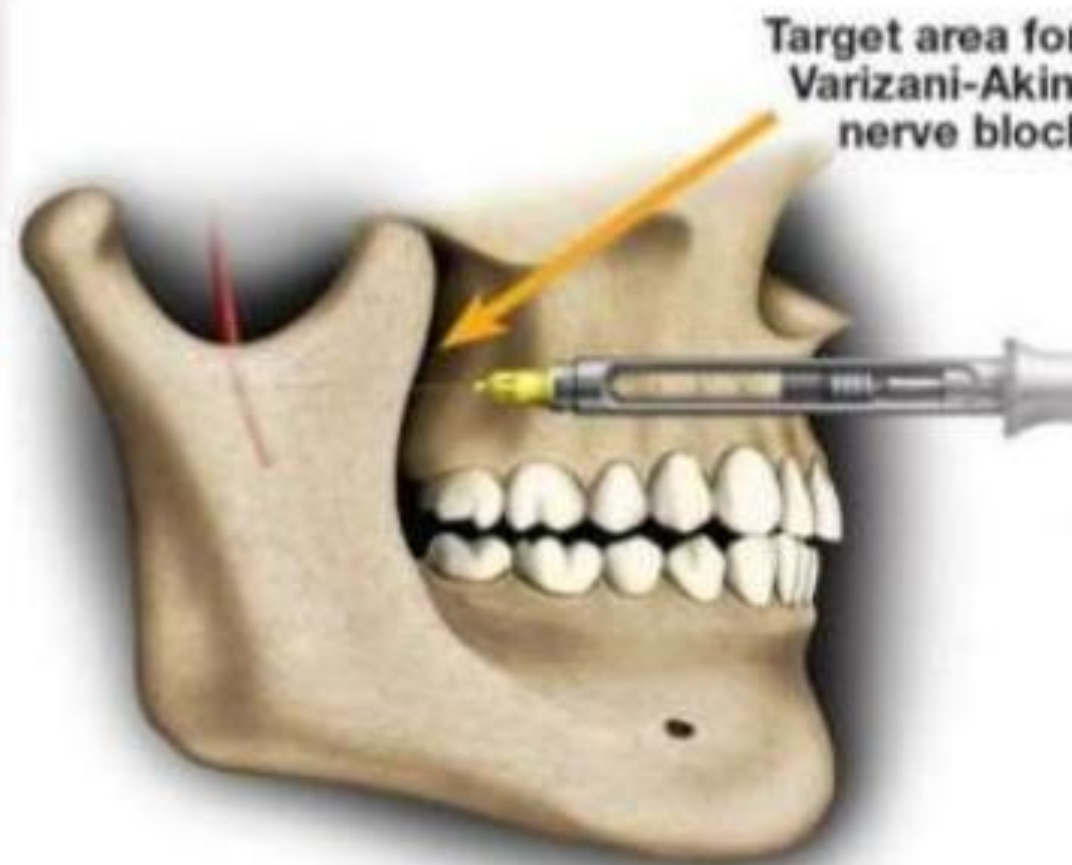
ИНДИРЕКТНА МАНДИБУЛАРНА АНЕСТЕЗИЈА



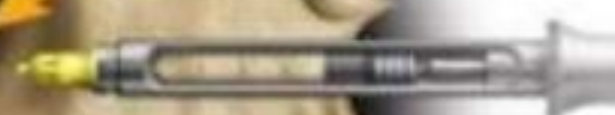
Шематски приказ за индиректна мандибуларна анестезија



Место на увод за индиректна мандибуларна анестезија



Target area for
Varizani-Akin
nerve block



The **primary goal of each of the three mandibular nerve blocks** is **anesthesia of the inferior alveolar nerve**, which innervates the pulps of the mandibular teeth on the same side of the mouth, as well as the buccal periodontium anterior to the mental foramen.

For each of the three techniques, this goal is accomplished by **depositing anesthetic within the pterygomandibular space**.

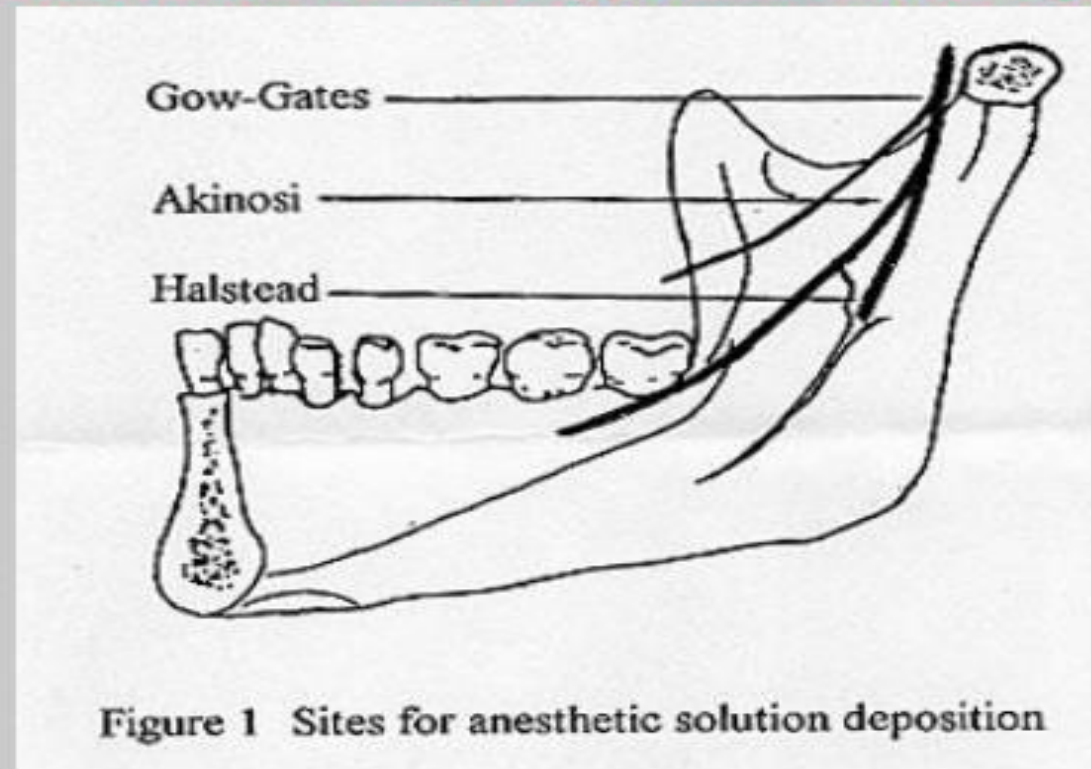
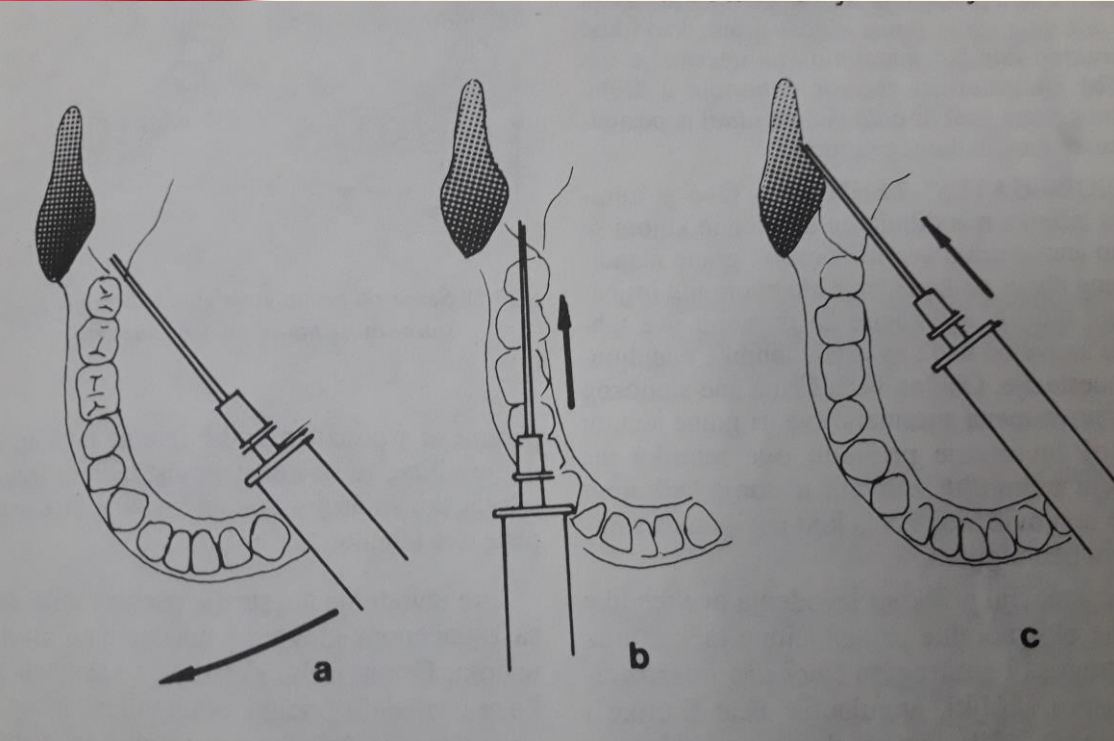
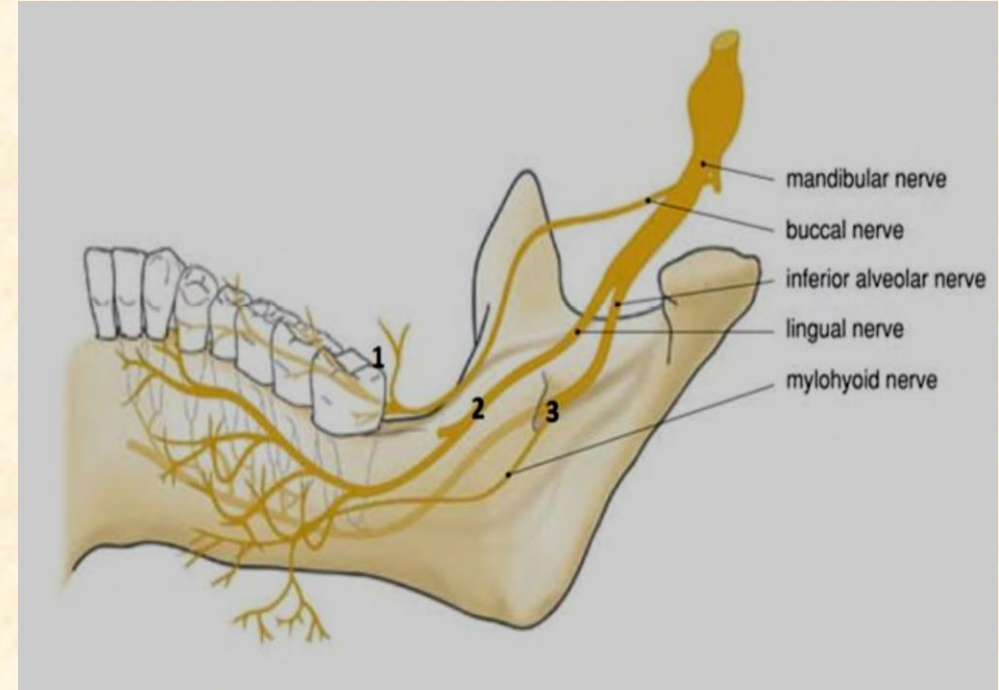


Figure 1 Sites for anesthetic solution deposition



ИНДИРЕКТНА ТЕХНИКА ЗА
МАНДИБУЛАРНА
АНЕСТЕЗИЈА

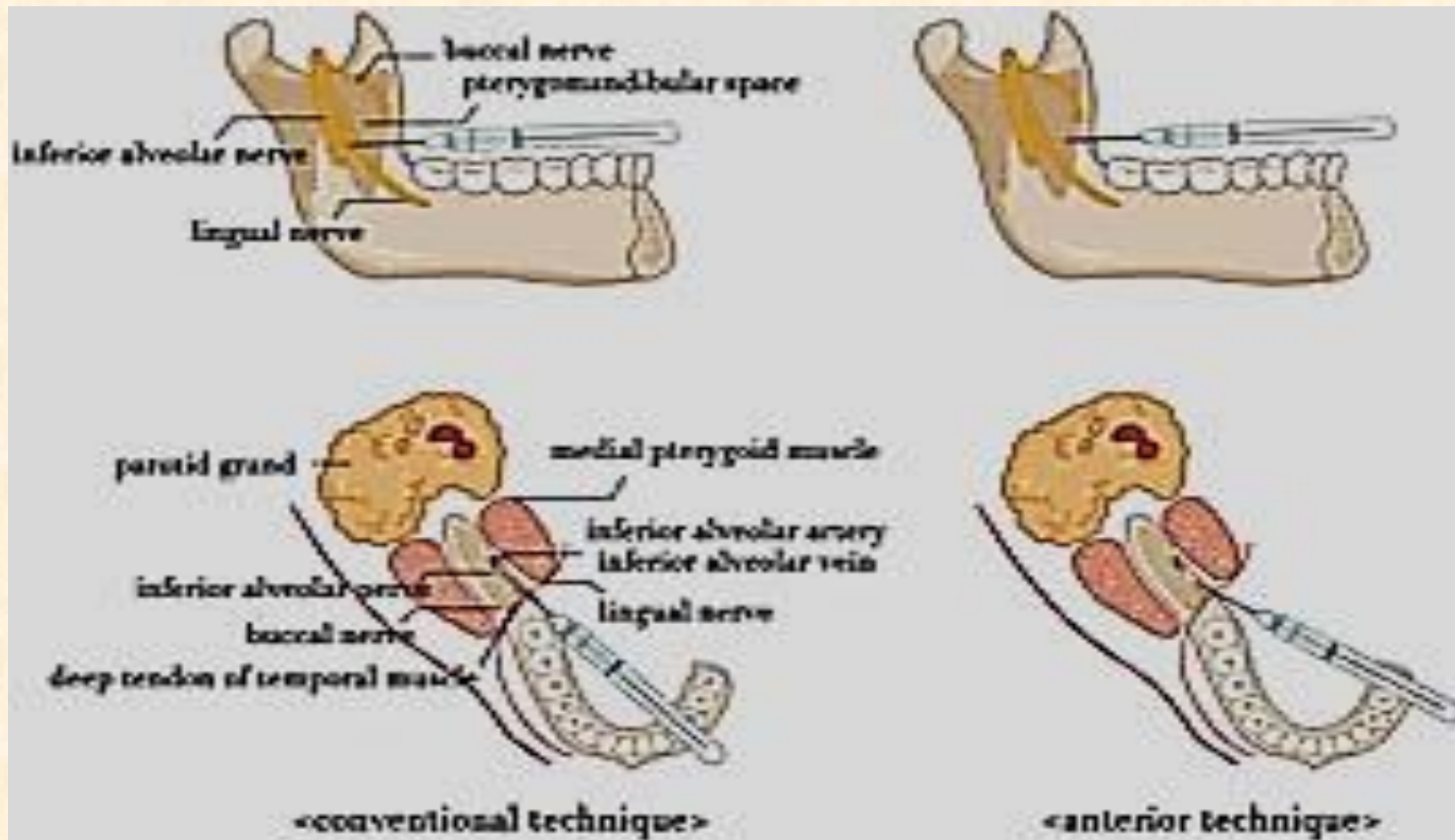


FISCHER-1-2-3 ТЕХНИКА

FISHER TECHNIQUE 1-2-3



СПОРЕДБА НА КОНВЕНЦИОНАЛНА ТЕХНИКА И ПРЕДНА ТЕХНИКА



ПРЕПОРАКА

Да се внимава на аголот помеѓу телото и рамусот.

