

Article: Efficacy of the Computer-Controlled Injection System STA™, Ligmaject, and dental syringe for intraligamentary anesthesia in restorative patients. Ferrari, et al, page 4

- 1 *When using 4% concentration of articaine hydrochloride, the recommended dosage of anesthetic solution ranges from:*
- a 0.3 mL (single tooth) - 0.5 mL (multi-rooted teeth)
 - b 0.5 mL (single tooth) - 0.9 mL (multi-rooted teeth)
 - c 1.3 mL (single tooth) - 1.5 mL (multi-rooted teeth)
- 2 *Which statement is false:
The selection criteria for patients in the reported study included:*
- a Patients without neurogenic pain disorders
 - b Patients between 20-50 years of age
 - c Pregnant females
 - d Patients in need of restorative treatment on vital teeth
- 3 *The preordered VAS scale recorded medium pain as:*
- a 4-6
 - b 7-9
 - c 1-3
 - d 10
- 4 *In accordance with the Cox regression analysis, which system resulted in a significantly shorter time for the complete onset of anesthesia:*
- a The dental syringe
 - b The Ligmaject
 - c The STA™
 - d All systems reported the same
- 5 *The clinically accepted period to wait for the effect of anesthesia is:*
- a 10 minutes
 - b 40 minutes
 - c 17 minutes
 - d 13 minutes

Article: Adopting minimum intervention in dentistry: Diffusion, bias and the role of scientific evidence. Mickenautsch, page 16

- 6 *Reasons for adopting MI into daily dental practice include:*
- a Reduced pain and discomfort
 - b Lower fear levels
 - c Higher patient co-operation
 - d All of the above
- 7 *The most important types of bias in clinical studies are:*
- a Detection bias
 - b Performance bias
 - c Selection bias
 - d Attrition bias
 - e None of the above
 - f All of the above
- 8 *Schulz et al (1995) reported, due to selection bias, a treatment effect over-estimation of:*
- a 82%
 - b 41%
 - c 13%
 - d 10-20%
- 9 *Which statement is correct? Performance bias-reducing interventions include:*
- a Selection of study subjects using a random allocation sequence
 - b Blinding of study assessors as to the differences per test- or control group
 - c Blinding of study subjects and care providers as to the differences per test- or control group
- 10 *The 'gold standard' in a hierarchy of evidence is most frequently regarded by clinicians as:*
- a Case series and reports.
 - b Randomized control trials (RCT)
 - c Expert reports
 - d None of the above
 - e All of the above

Article: Modern dental pain control. Malamed, page 44

- 1 *The most effective drugs for preventing pain are:*
- a Topical anesthetics
 - b General anesthetics
 - c Local anesthetics
 - d None of the above
- 2 *The nerve block technique with the highest failure rate is:*
- a PDL
 - b IANB
 - c Intraosseous anesthesia
 - d Gow-Gates mandibular block
- 3 *Articaine HCl has a half-life of:*
- a 162 minutes
 - b 90 minutes
 - c 27 minutes
 - d 42 minutes
- 4 *Which of the following statements are true:
Residual STA can be of benefit to the patient in the post-treatment period of the following procedures:*
- a Implants
 - b Endodontic procedures
 - c Periodontal surgery
 - d All of the above
- 5 *In the reported study, the administration of phentolamine mesylate to patients who had received maxillary LA reduced the median duration of lip anesthesia by:*
- a 31.5 minutes or 30%.
 - b 122 minutes or 78%
 - c 85 minutes or 54.8%

Article: Effect of diagnostic method and operator's experience on the detection of occlusal caries in posterior permanent teeth: an in vivo pilot study. Magni et al, page 32

- 6 *Methods which have been proposed for caries diagnosis include:*
- a Dyeing techniques
 - b Radiographs
 - c Visual inspection
 - d Transillumination
 - e All of the above
- 7 *Following the indications of Lussi and Hellwig, the cut-off value for deep enamel caries is:*
- a 7.1 - 12
 - b 0 - 7
 - c >19
 - d 12.1 - 19
- 8 *Consistent diagnoses of the operators was classified when the diagnostic outcome was in agreement with:*
- a The undergraduate student
 - b The 20-years caries-experienced operator
 - c The general dentist with 10 years of clinical experience
- 9 *The highest number of consistent diagnoses for all operators was performed by:*
- a Visual inspection and probing without magnification
 - b Visual inspection and probing under magnification
 - c The DIAGNOdent Pen
- 10 *In the study, the method of diagnosis showing the worst performance was?*
- a Probing
 - b Visual inspection without magnification
 - c Visual inspection with an explorer and magnification
 - d None of the above