

CPD QUESTIONNAIRE 11.5.1

Article: Masterclass in Endodontics: How to manage C-Shaped canal configurations in mandibular molars. Van der Vyver & Vorster, page 8

- The prevalence of C-shaped canals in mandibular molars fall within which of the following ranges?
 - 12.7% – 45.5%
 - 0%-20%
 - 4.5%- 27%
 - None of the above
- Fan et al (2004) suggested a modified 5-type categorization of C-Shaped canals. Which of the following describes Type 1?
 - Continuous "C" shape
 - Semi column morphology
 - Two or three discrete canals
 - One round or oval canal
- Fan et al (2004) suggested a modified 5-type categorization of C-Shaped canals. Which of the following describes Type 2?
 - Continuous "C" shape
 - Only one round or oval canal
 - Semi column morphology
 - Two or three discrete canals
- True or False: C-shaped canals can readily be identified through 2-dimensional periapical radiographs.
 - True
 - False
- Which of the following are true concerning treatment and obturation of C-shaped canals?
 - Cone-beam computed tomography (CBCT) may be beneficial during the diagnostic phase.
 - Modifications of access cavity designs may be required in order to facilitate negotiation and instrumentation of the complete canal system.
 - A strong emphasis should also be placed on proper irrigation with heated sodium hypochlorite in conjunction with adjunct activation devices.
 - All of the above

Article: Hard tissue augmentation using an allogenic bone block: a clinical case report. Marchand et al, page 38

- In a lack of bone which may complicate the implant placement, what grafting procedure is the gold standard according to the authors?
 - Autogenous bone blocks
 - Autologous bone blocks
 - Allogenic bone blocks
- In the case described, amalgam staining in the keratinized mucosa at which site was observed:
 - Site 24
 - Site 25
 - Site 26
- In the case described, implant placement with simultaneous guided bone regeneration (GBR) could not be performed. True or false?
 - True
 - False
- Implant placement at position 24 was performed after a healing period of:
 - PLY (Polygon File Format or Stanford Triangle Format)s
 - OBJ (an open file format developed by Wavefront Technologies)
 - Standard Tessellation Language (STL)
- Which statements are correct: During the prosthetic procedure:
 - The provisional crown was screw-retained onto the implant
 - The provisional crown was cement-retained onto the implant
 - The temporary crown was cemented onto the bonding base using a self-curing composite cement
 - b and c
 - a and c

CPD QUESTIONNAIRE 11.5.2

Article: Treatment of mandibular first molars with atypical anatomy: a case report. Riznyk and Riznyk, page 58

- The failure of endodontic treatment could be a result of:
 - Failure to recognize unusual canal configurations
 - Thorough debridement of the root canal space
 - Complete obturation
 - All of the above
- Song et al reported the following percentage of endodontic failure in first lower molars due to missed root canal systems:
 - 50%
 - 30%
 - 15%
- Studies indicate that a third canal in the mesial root of lower first molars can be found in:
 - 3% of cases
 - 9% of cases
 - 18% of cases
- Katoor et al reported that the incidence of a third canal in the distal root of lower first molars is:
 - 0.2 - 3%
 - 0.5 - 0.7%
 - 0.9 - 1.1%
- The following can be used to identify additional root canal systems in teeth endodontic treatment:
 - Intra-oral radiographs
 - Dental Operating Microscope
 - Methylene blue dye
 - CBCT
 - All of the above

Article: Stratified layering of composite restorations after the use of orthodontic aligners. Greenwall and Katz, page 72

- According to Houle et al, what is the mean accuracy of posterior expansion planned with Invisalign?
 - 78.2% for the maxilla and 87.7% in the mandible
 - 78.8% for the maxilla and 82.7% in the mandible
 - 72.8% for the maxilla and 87.7% in the mandible
 - 87.7% for the maxilla and 72.8% in the mandible
- According to the authors, why are Class V glass ionomer restorations usually placed prior to commencing any treatment?
 - To reduce sensitivity of the orthodontic tray rubbing against the cervical area of the tooth
 - To reduce sensitivity during whitening
 - Neither of the above
 - Both of the above
- The study stating that aligner treatment can relapse more than fixed orthodontic treatment was authored by:
 - Bernabe et al (2008)
 - Lagravere and Flores-Mir (2005)
 - Kuncio et al (2007)
- In the case described, the characteristics of the malocclusion included:
 - 5mm overjet
 - Class I molar and canine occlusion
 - Mild lower anterior crowding
 - None of the above
 - All of the above
- According to Malik et al, 2013, the recommended minimum number of hours per day aligners should be worn is:
 - 12 hours
 - 8 hours
 - 18 hours
 - 22 hours