

CPD QUESTIONNAIRE 12.2.1

Article: Planning esthetic treatment after avulsion of maxillary incisors. Björn U Zachrisson. P6

- 1 According to the author, avulsion of teeth affects mostly the maxillary central incisors and generally occurs in children from:
a 5 to 7 years of age b 10 to 12 years of age
c 7 to 9 years of age d 13 to 15 years of age
- 2 The prognosis for a successful outcome of replantation is remote if a mature incisor is subjected to an extraoral dry period of more than:
a 2 hours b 60 minutes
c 24 hours d 30 minutes
- 3 If replantation is unsuccessful, and an avulsed tooth is lost prematurely, several treatment possibilities include:
a Replacement of the lost incisor via autotransplantation of a developing premolar (or another suitable donor tooth);
b Maintenance of the space by means of a removable denture with a single-tooth prosthesis
c Orthodontic closure of the space
d None of the above e All of the above
- 4 When missing maxillary incisors are replaced with single-tooth implants, studies have shown, after 10 years, a success rate of about:
a 90 percent b 50 percent
c 20 percent d 75 percent
- 5 The optimal time for autotransplantation of premolars to the maxillary anterior region is when the root development has reached:
a one-quarter to one-third of the expected final root length
b two-thirds to three-quarters of the expected final root length
c one-third to three-quarters of the expected final root length

Article: Post-and-Cores: Past to Present. Douglas A. Terry, Edward J. Swift. P20

- 6 Pierre Fauchard described the use of 'tenons', which were:
a Single-piece post-retained crowns with a porcelain facing
b Wooden posts fitted to an artificial crown and to the canal of the root
c Metal posts screwed into the roots of teeth to retain bridges
- 7 Which posts are considered the most retentive of the passive prefabricated posts:
a Tapered smooth-sided posts b Parallel-sided serrated posts
c Parallel, smooth-sided posts d Tapered, threaded posts
- 8 Which statement is false:
a Zirconium oxide posts have a high flexural strength
b Fiber-reinforced resin posts are difficult to remove from the canal for retreatment
c Cast metallic posts can result in discoloration and shadowing of the gingiva and the cervical aspect of the tooth
- 9 The placement of a circumferential ferrule on sound tooth structure ensures mechanical retention and resistance. The general preparation guideline is:
a .5mm to 1mm b 2.5mm to 3.5mm
c 1.0mm to 2.00mm
- 10 Which statement is true:
a The fiber-reinforced composite post system has a higher modulus of elasticity to the dentin after bonding, whereas the metal post assembly has similar modulus of elasticity
b The fiber-reinforced composite post system has a similar modulus of elasticity to the dentin after bonding, whereas the metal post assembly has an appreciably higher modulus of elasticity
c The fiber-reinforced composite post system and the metal post assembly have the same modulus of elasticity to the dentin after bonding

CPD QUESTIONNAIRE 12.2.2

Article: Predictable and precise tooth preparation techniques for porcelain laminate veneers in complex cases. Galip Gürel. P32

- 6 According to the author, if preparation is limited to the enamel, this would create:
a Excessive flexibility b Insufficient flexibility
c Complex bonding issues d None of the above
- 7 Which of the following describes the best scenario for placing veneers?
a When the teeth are aligned perfectly on the dental arch
b When the facial structures of the teeth are not worn
c The teeth are crowded d Both a and b
- 8 Which of the following should be considered before a three-dimensional overview is required?
a The patient's teeth
b Surrounding soft tissue
c The patient's facial characteristics
d All of the above
- 9 Using Aesthetic pre-evaluative temporaries (APT) the functional movements of the patient should be evaluated to see whether:
a An anterior constriction is present
b Orthodontic treatment is required
c The gingival levels need to be altered
- 10 Which rules should be followed when using PLV's as a treatment option?
a Communication between dentist, patient and ceramist
b Careful case selection and treatment planning
c Use of mock-ups, wax-up, APT and silicone index
d All of the above
e None of the above

Article: Bonding to Zirconia: elucidating the confusion. Deepak Mehta, Rohit Shetty. P46

- 6 According to the author, The zirconia systems currently available for use in dentistry include ceramics with:
a A 35% or higher content zirconium dioxide
b A 50% or higher content zirconium dioxide
c A 90% or higher content zirconium dioxide
- 7 The first documented recommended use of zirconium as a ceramic biomaterial was:
a In the form of ball heads for Total Hip Replacements (THR)
b As an application in space shuttles
c As an alternative framework for full coverage all-ceramic crowns and fixed partial dentures
8. Pure zirconia is monoclinic (M) at room temperature and is stable up to a temperature of:
a 2370°C b 570°C
c 1170°C
- 9 Which statement is true:
a Tribochemical coating is more effective for zirconia ceramics than for glass-infiltrated ceramics
b Tribochemical coating is less effective for zirconia ceramics than for glass-infiltrated ceramics
c Tribochemical coating has the same effect on both zirconia ceramics and glass-infiltrated ceramics
- 10 Which of the following statements is false:
a Selective Infiltration Etching (SIE) enhances the zirconia ceramic-to-resin cement bonds
b High strength alumina and zirconia core based crowns can be etched with Hydrofluoric acid (HF)
c Silica coating with aluminum oxide particles is the surface treatment of choice for improving