

CPD QUESTIONNAIRE

1.4.1 / 13.6.1

Article: Surface Treatments for Tooth-Colored Restorations: Part 2. p6. Terry/Blatz

- 1 Which of the following statements are correct?
- a Any biomaterial when properly joined to the tooth substrate is able to provide an improved marginal seal while reducing marginal contraction gaps, microleakage, nanoleakage, marginal staining, and secondary caries
 - b The bonded restorative complex includes the outer layers of the substrate, the adhesive layer, and the restorative material
 - c Adhesive and restorative success for any indirect restoration begins and ends at the restorative-tooth interface
 - d All of the above
 - e None of the above
- 2 Which statement is not true:
Because of their optical and aesthetic properties, silica-based ceramic restorations are used to a great extent for:
- a Inlays and onlays
 - b Porcelain laminate veneers
 - c Zirconia restorations
- 3 To create surface roughness in silica-based restorations, the authors' recommend acid-etching with:
- a 2% to 4% HF
 - b 4% to 9.8% HF
 - c 9.8% to 12% HF
- 4 Which of the following statements is correct?
- a The surface treatment procedures known for silica-based ceramics can be utilized for high strength ceramic materials (ie, alumina, zirconia)
 - b Traditional bonding procedures (ie, acid etching and silane application) for silica-based ceramics cannot provide long-term durable bonds to the silica-free, acid resistant, high strength ceramic materials
 - c Silica/silane coating or application of a phosphate-monomer-containing ceramic priming agent after airborne particle abrasion increases the shear bond strength between zirconium-oxide ceramic and a resin luting agent

- 5 The authors' surface treatment protocols for high strength ceramics (ie, aluminum and zirconium oxide) include 2 methods. Which is not included in these methods:
- a Silica coating of the inner surface of the restoration with a blast-coating agent, followed by an application of a silane coupling agent
 - b Acid-etching followed by an application of a silane coupling agent
 - c An application of a commercial primer that contains phosphonate or phosphate monomers

Article: Comparison of smear layer removal using four final-rinse protocols. p64. Paragliola et al

- 6 Which of the following statements is correct?
- a The presence of the smear layer may considerably delay or prevent the penetration of antimicrobial agents,
 - b The presence of the smear layer may improve the penetration of antimicrobial agents
 - c Neither of the above
- 7 Which of the following statements is correct?
- a the application of EDTA for more than 1 minute and in volume more than 2ml has been reported to be associated with dentinal erosion
 - b the application of EDTA for more than 2 minutes and in volume more than 1ml has been reported to be associated with dentinal erosion
 - c the application of EDTA for more than 1 minute and in volume more than 1ml has been reported to be associated with dentinal erosion
- 8 Compared with MTAD, Tetraclean has a reduced amount of doxycycline measuring:
- a 150mg/5ml
 - b 150mg/15ml
 - c 50mg/5ml
- 9 In the present study, the amount of chelating solutions used was:
- a 3ml
 - b 5ml
 - c 15ml
- 10 Which of the following statements is correct:
Mancini et al showed that:
- a The coronal portion of the canal is always the least cleaned as it is likely to receive less volume of irrigant when compared to the apical third
 - b The apical third is always the least cleaned as it is likely to receive less volume of irrigant when compared to the more coronal portion of the canal
 - c Neither of the above