

Article: Contemporary technologies for remineralization therapies: A review. Laurence J. Walsh P6

- 1 Which statement is true:
a Fluorapatite is more acid soluble than carbonated apatite, which in turn is more soluble than hydroxyapatite
b Hydroxyapatite is more acid soluble than carbonated apatite, which in turn is more soluble than fluorapatite
c Fluorapatite is less acid soluble than hydroxyapatite, which in turn is less soluble than carbonated apatite
- 2 Typically, TCP particles range from:
a 0.1 to .5 microns in size b 10 to 50 microns in size
c 0.01 to 5 microns in size
- 3 Which statement is true:
Fluoride works primarily via topical mechanisms which include:
a Inhibition of demineralization at the crystal surfaces inside the tooth
b Inhibition of bacterial enzymes
c Enhancement of remineralization at the crystal surfaces (giving an acid resistant surface to the reformed crystals), and, at high concentrations
d None of the above e All of the above
- 4 Enamel™ consists of:
a Calcium sodium phosphosilicate
b Silica and zirconia
c Unstabilized calcium and phosphate salts with sodium fluoride
- 5 According to the evidence base, the strongest level of clinical evidence for remineralization is for:
a Pronamel™
b Recaldent (CPP-ACP nanocomplexes)
c Dicalcium phosphate dehydrate (DCPD)
d Amorphous calcium phosphate (ACP)

Article: Inheriting the unhappy patient: an interdisciplinary case report. Vincent G. Kokich, David P. Mathews and Frank M. Spear P20

- 6 The patient in the Case Study was described as:
a A 35-year-old female b A 25-year-old male
c A 29-year-old female d A 40-year-old male
- 7 The patient was congenitally missing:
a Maxillary and mandibular right and left second premolars and the mandibular right first premolar
b Maxillary and mandibular right and left second premolars and the maxillary right first premolar
c Maxillary and mandibular right and left second premolars and the mandibular left first premolar
d Maxillary and mandibular right and left second premolars and the maxillary left first premolar
- 8 The option selected by the patient to achieve her treatment goals was:
a Orthognathic surgery b Crown lengthening
c Orthodontics d None of the above
9. The treatment plan included the placement of an implant in the maxillary left posterior region approximately:
a 6 months after the alveolar bone graft b 9 months after the alveolar bone graft
c 12 months after the alveolar bone graft d 3 months after the alveolar bone graft
10. Research has shown that if the interproximal contact is parallel with the long axis of the face, a maxillary dental midline can deviate up to:
a 2mm from the facial midline before laypersons would regard the change as unesthetic
b 5mm from the facial midline before laypersons would regard the change as unesthetic
c 3mm from the facial midline before laypersons would regard the change as unesthetic
d 4mm from the facial midline before laypersons would regard the change as unesthetic

Article: Improving your margins. Philip Newsome and Siobhan Owen, P36

- 1 The most commonly prescribed of all indirect restorations worldwide are:
a All-ceramic restorations
b All metal restorations
c Porcelain-fused-to-metal (PFM) restorations
d Full veneer metal crowns
- 2 According to Chiche (1995), the a facial reduction of between:
a 1mm and 1.2mm is recommended
b 1.4mm and 1.7mm is recommended
c .5mm and 1.5mm is recommended
- 3 The finishing line of choice for most cast veneer preparations is:
a The flat shoulder b The beveled shoulder
c The chamfer d Knife edge
- 4 Who stated that the lest acceptabel marginal discrepancy in visually accessible surfaces was 39 microns:
a Lofstrom and Barakat (1989)
b Christensen (1966)
c Sulaiman (1997)
- 5 In patients exhibiting excessive occlusal loading, tooth wear, bruxism etc or where insufficient interocclusal clearance exists to accommodate porcelain, which type of anterior restorations are preferable:
a Non zirconium-based all-ceramic restorations
b All-metal restorations
c Porcelain-fused-to-metal (PFM) restorations

Article: Evaluation of the push-out bond strength of self-adhesive resin cements to fiber posts. Claudia Mazzitelli, Francesca Monticelli P54

- 6 Which cements have simplified luting procedures of indirect restorations:
a Self-adhesive resin cements
b Glass-ionomers
c Zinc-oxide eugenol
- 7 Which test is an appropriate method to measure the bond strength inside root canals:
a Tukey test
b Mann-Whitney U test
c Push-out bond strength test
- 8 The load applied to the post surface that resulted in shear stresses along the cement/dentin – cement/post interfaces was measured at:
a 0.7 mm/min until failure
b 0.5 mm/min until failure
c 0.3 mm/min until failure
d 0.9 mm/min until failure
9. Cohesive failures were only observed with:
a Max-Cem
b RelyX Unicem
c Multilink Sprint
10. In order to limit the formation of defects at the adhesive interfaces, what is recommended for placing material inside the root canal:
a Lentulo spiral
b Elongation tip
c Microbrush