

## CPD QUESTIONNAIRE 7.2.1

### Article: Endodontic retreatment of a maxillary first molar. Virdee, page 6

- Which of the following features was not considered a way to improve treatment outcomes?
  - Substantial natural tooth structure
  - Good access to the operating area
  - The absence of any perforations
  - The presence of a technically inadequate root filling
- What option was not conveyed to the patient as part of the decision-making process?
  - Orthograde retreatment
  - Extract and accept space
  - Leave
  - Referral to specialist oral surgeon
- Which of the following was used to remove the gutta-percha from the previously filled canals:
  - A combination of Gates Glidden burs and Hedstrom files
  - The introduction of solvents into each orifice
  - The use of large paper points in a 'wicking' motion
  - All of the above
  - None of the above
- Which statement is correct?
  - 3mm of flowable composite was used to seal the orifices of the canals
  - 2mm of flowable composite was used to seal the orifices of the canals
  - 5mm of flowable composite was used to seal the orifices of the canals
- In the case described, which factors were considered useful in assessing a successful outcome?
  - The apical lesion had significantly reduced in size
  - The tooth was now functional
  - The coronal restoration was intact
  - None of the above
  - All of the above

### Article: Direct restorations: the last 10 years. Chandrapal, page 24

- Composite filler particles have reduced to:
  - 1µm
  - 0.04µm
  - 0.4µm
- Whose philosophy on hand instruments does the author suggest is still currently applicable?
  - Hickel
  - Ferracane
  - Bichacho.
  - Garcia-Godoy
- What does the author state that contrasters in digital photography can aid the clinician in identifying?
  - Incisal edge anatomy
  - Dentinal mammelon structure and distribution
  - Primary, secondary and tertiary anatomical features
  - None of the above
  - All of the above
- According to the author, which statement is correct??
  - Curing lights have moved away from halogen and towards LED
  - Curing lights have moved away from LED and towards halogen
- What does the author suggest are some of the benefits of a minimally invasive approach to dentistry?
  - Lifelike results
  - Ever-improving longevity
  - Cost-effectiveness.
  - All of the above
  - None of the above

## CPD QUESTIONNAIRE 7.2.2

### Article: What other biomaterial has so many uses: Flowables Terry p46

- Flowable composite resins were developed and introduced to the world in:
  - 1986
  - 1996
  - 1976
- Which statement is true: compared to the conventional hybrid composite, earlier flowable formulations:
  - Demonstrated poor clinical performance with inferior mechanical properties such as flexural strength and wear resistance
  - Demonstrated good clinical performance with superior mechanical properties such as flexural strength and wear resistance
- The filler content of the earlier flowable formulations were reported to be:
  - 60 to 80% less than that of the universal composite materials
  - 30 to 45% less than that of the universal composite materials
  - 20 to 25% less than that of the universal composite materials
- What are the three basic requirements that an ideal restorative material should fulfil:
  - Function
  - Esthetics
  - Biocompatibility
  - All of the above
  - None of the above
- Which statement is correct:
  - Composite resin does not have hydroxyapatite crystals, enamel rods, and dentinal tubules
  - Composite resin has hydroxyapatite crystals, enamel rods, and dentinal tubules
  - Neither of the above

### Article: What other biomaterial has so many uses: Flowables Terry p46

- Which statement is incorrect: Controlled polymerization with flowable composites has been suggested to:
  - Reduce marginal gap
  - Reduce marginal integrity
  - Reduce shrinkage
- Accepted clinical applications for provisional splinting include:
  - Fixed orthodontic retainers
  - Stabilization of traumatically displaced, transplanted and root fractured teeth
  - Connection of implants to natural teeth
  - All of the above
  - None of the above
- Which statement is correct: next generation flowable composites are filled 69% by weight with an average particle size of:
  - 200 nm
  - 100 nm
  - 50 nm
- According to the author, an inadequate coronal seal can allow saliva to reach the apical region of the tooth in as little time as:
  - 20 days
  - 3 days
  - 7 days
- Which statement is correct:
  - More than 90% of hypersensitive surfaces occur at the cervical region on the buccal and labial aspects of the involved teeth.
  - Less than 90% of hypersensitive surfaces occur at the cervical region on the buccal and labial aspects of the involved teeth.