

## CPD QUESTIONNAIRE 1.3.1 / 13.5.1

**Article: Intracoronaral bleaching of pulpless discolored lower incisors. William H Liebenberg**

- 1 Which of the following statements is correct?  
*According to the author of this paper 10% carbamide peroxide dissociates into:*
- a 6.5% hydrogen peroxide and water
  - b 6.5% hydrogen peroxide and carbon dioxide
  - c 6.5% hydrogen peroxide and urea
  - d 3.5% hydrogen peroxide and urea
  - e 3.5% hydrogen peroxide and water
- 2 Which of the following statements is correct?  
*"Relapse" following bleaching is thought to be due to:*
- a Penetration of free radicals
  - b Reduction of previously oxidized chromophores
  - c the result of microleakage of the restoration in the access cavity
- 3 Which of the following statements is correct?  
*The most recent survey of US dentists found that*
- a 20% believed that a post does reinforce an endodontically treated tooth
  - b 30% believed that a post does reinforce an endodontically treated tooth
  - c 40% believed that a post does reinforce an endodontically treated tooth
  - d 50% believed that a post does reinforce an endodontically treated tooth
- 4 Which of the following statements is correct?  
*The risks of nonvital bleaching include:*
- a fracture during the multiple treatment period
  - b cervical resorption
  - c underlightening and overlightening
  - d All of the above
  - e None of the above
- 5 The post-core restoration is one of the earliest restorations known to man. It dates back:
- a 5000 years to the Egyptians
  - b 3000 years to the Greeks
  - c 3000 years to the Etruscans
  - d 2000 years to the Romans

- 6 Which of the following statements is correct?
- a There is currently consensus on the most successful protocol for non-vital bleaching
  - b There is currently little agreement on the most successful protocol for non-vital bleaching
  - c The perborate method is currently the protocol of choice for non-vital bleaching
  - d The peroxide method is currently the protocol of choice for non-vital bleaching 3.5 - 4.0mm
- 7 Which of the following statements is correct?
- a bleaching with carbamide peroxide relies on heat generation to change the colour of teeth
  - b bleaching with carbamide peroxide relies on an acid base reaction to change the colour of teeth
  - c bleaching with carbamide peroxide relies on an oxidation-reduction reaction to change the colour of teeth
- 8 Which of the following statements is correct?  
*The first account of lightening a nonvital tooth dates back to:*
- a 1877
  - b 1877 BC
  - c 1677
  - d 1677 BC
- 9 Which of the following statements is correct?
- a Catalase is an enzyme which changes one molecule of H<sub>2</sub>O<sub>2</sub> to one molecule of H<sub>2</sub>O and O<sub>2</sub>
  - b Catalase is an enzyme which changes two molecules of H<sub>2</sub>O<sub>2</sub> to one molecule of H<sub>2</sub>O and O<sub>2</sub>
  - c Catalase is an enzyme which changes two molecules of H<sub>2</sub>O<sub>2</sub> to two molecules of H<sub>2</sub>O and O<sub>2</sub>
- 10 Which of the following statements is correct?  
*The two basic bleaching techniques are:*
- a the peroxide and the walking bleaching techniques
  - b the peroxide and the thermocatalytic methods
  - c the walking bleaching and the thermocatalytic methods

## CPD QUESTIONNAIRE 1.3.2 / 13.5.2

**Article: Removal of a fractured instrument with a new extractor: clinical cases. Dominique Martin. p50**

- 11 Which of the following factors is not implicated in root canal fracture?
- a Torsional fracture of the coronal portion
  - b Cyclic fatigue of the coronal portion
  - c Cyclic fatigue of the top portion
  - d a and c
  - e a and b
- 12 Conventional techniques for broken instrument retrieval weaken the root. What is the reason for this?
- a Ultrasonic vibration can split the root
  - b Coronal access can over-widen this portion of the canal
  - c Vibrating the instrument in the root
  - d All of the above
  - e None of the above
- 13 Which of the following components is not included in the Endo Rescue Kit?
- a A centering drill and similar size trepan
  - b Gates Glidden No 5
  - d Access relocation bur
  - d Gates Glidden No 4
- 14 What are the Kit's limitations:
- a It works only in the curved portion of the canal
  - b It will only retrieve long fragments rather than short fragments
  - c It will only work in curved canals
  - d All of the above
  - e None of the above
- 15 In a study by Spili et al, 2005, revealed a risk of instrument fracture of:
- a 78.1%
  - b 3.3%
  - c 12%

**Article: Finishing and polishing porcelain surfaces chairside. Siobhan Owen, David Reaney and Philip Newsome, p64**

- 16 According to Clinical research Associates study carried out in 2006, out of 226 ceramic three-unit bridges, how many required no occlusal adjustment at cementation:
- a 12%
  - b 19%
  - c 27%
  - d 32%
- 17 As a restorative material, what is the best surface for porcelain?
- a High gloss glaze
  - b Matt finish
  - c Low-gloss glaze
  - d None of the above
- 18 Which author suggested that porcelain should be polished instead of reglazed after chairside adjustment?
- a Hudson
  - b Wiley
  - c Jagger
  - d Kaai
- 19 Of the following materials, which is likely to produce greater opposing tooth wear?
- a Gold
  - b Porcelain
  - c Amalgam
  - d Composite
- 20 The difference in hardness between the abrasive and the substrate was measured using:
- a Vickers hardness scale
  - b Mohs hardness scale
  - c Brinell hardness scale
  - d Rockwell hardness scale