

1 Mechanical factors that affect the retention and stability of posts include:

- a Post length
- b Diameter
- c Geometric design
- d Surface configuration
- e Cement type
- f All of the above

2 Secondary caries formation has been linked to marginal deficiencies in excess of:

- a 70µm
- b 80 µm
- c 50µm
- d. 30µm

3 The teeth selected for the study were:

- a Twelve third molars
- b Twenty-four maxillary anterior teeth
- c Forty single-rooted maxillary premolars

4 For all the specimens, the gingival margin was placed at:

- a 3mm above the CEJ
- b 1mm above the CEJ
- c 2mm above the CEJ

5 In both group 1 and group 2, post space was prepared to a depth of:

- a 5mm
- b 3mm
- c 7mm
- d None of the above

6 The test used to compare fracture resistance was:

- a Pearson's chi square test

- b The Mann-Whitney sum test
- c The Kolgorov-Smirnov normality test
- d. All of the above

7 With regard to fracture patterns:

- a The null hypothesis was accepted as there was no significant difference between cast post and core restorations and fiber-reinforced post with composite core restorations
- b The null hypothesis was rejected as there was no significant difference between cast post and core restorations and fiber-reinforced post with composite core restorations
- c The null hypothesis was rejected as there was a significant difference between cast post and core restorations and fiber-reinforced post with composite core restorations

8 Ordinary chewing forces of adults range between:


- a 3 - 10 kg
- b 10 - 20 kg
- c 7 - 15 kg
- d 50 - 90 kg


9 Recent finite element analysis studies have shown that:

- a Teeth restored with fiber-reinforced post systems offered more homogenous stress distribution
- b Teeth restored with fiber-reinforced post systems offered less homogenous stress distribution
- c Teeth restored with cast- posts and cores offered more homogenous stress distribution

10 The frequency of unrestorable fractures in endodontically-treated teeth is:

- a Significantly higher in fiber post and composite core systems
- b Significantly higher in cast post and core systems
- c The same for both systems

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