

- 1 Which of the following statements is correct?
 - a The effect of acid etching on resin composite substrate is the creation of a mechanical lock system:
 - b The effect of acid etching on resin composite substrate is to increase the surface area of the site available for bonding
 - c The effect of acid etching on resin composite substrate is a superficial decontamination

- 2 Which of the following statements is correct?

According to the authors of this report:

 - a Bouschlicher et al found that silane decreases the repair strength of a microfilled composite
 - b Bouschlicher et al found that silane does not enhance the repair strength of a microfilled composite
 - c Bouschlicher et al found that silane increases the repair strength of a microfilled composite

- 3 Which of the following statements is correct?
 - a Each block of Herculite XRV was stored in 50ml of distilled water at 37°C for two weeks before the repairs were performed
 - b Each block of Herculite XRV was stored in 40ml of distilled water at 37°C for two weeks before the repairs were performed
 - c Each block of Herculite XRV was stored in 20ml of distilled water at 37°C for two weeks before the repairs were performed
 - d Each block of Herculite XRV was stored in 20ml of distilled water at 37°C for one week before the repairs were performed

- 4 Which of the following statements is correct?

The findings of this investigation were that the preliminary application of a silane coupling agent prior to adhesive resin demonstrated

 - a no advantage in bond strength repair over a period of six months
 - b significant advantage in bond strength repair over a period of six months
 - c a decrease in bond strength repair over a period of six months

- 5 Which of the following statements is correct?
 - a After storing in distilled water at 37°C for 12 hours each repaired block was serially sectioned in both x and y directions perpendicular to the bonded surface
 - b After storing in distilled water at 37°C for 24 hours each repaired block was serially sectioned in both a and b directions perpendicular to the bonded surface
 - c After storing in distilled water at 37°C for 12 hours each repaired block was serially sectioned in both n and s directions perpendicular to the bonded surface
 - d After storing in distilled water at 37°C for 24 hours each repaired block was serially sectioned in both x and y directions perpendicular to the bonded surface

- 6 For the purpose of this investigation, how many failure sites were distinguished?

a five	b four
c three	d two

- 7 Which of the following statements is correct?

The substrate material in all the experimental groups in this study was prepared from 12 blocks of:

a Durafil VS	b Herculite XRV
c Optibond Solo Plus	d Gradia Direct Anterior

- 8 Which of the following statements is correct? After six months of water storage, the repair strengths of all samples:

a were less than 5 MPa	b exceeded 5 MPa
c exceeded 10 MPa	d exceeded 18 MPa

- 9 Which of the following statements is correct?

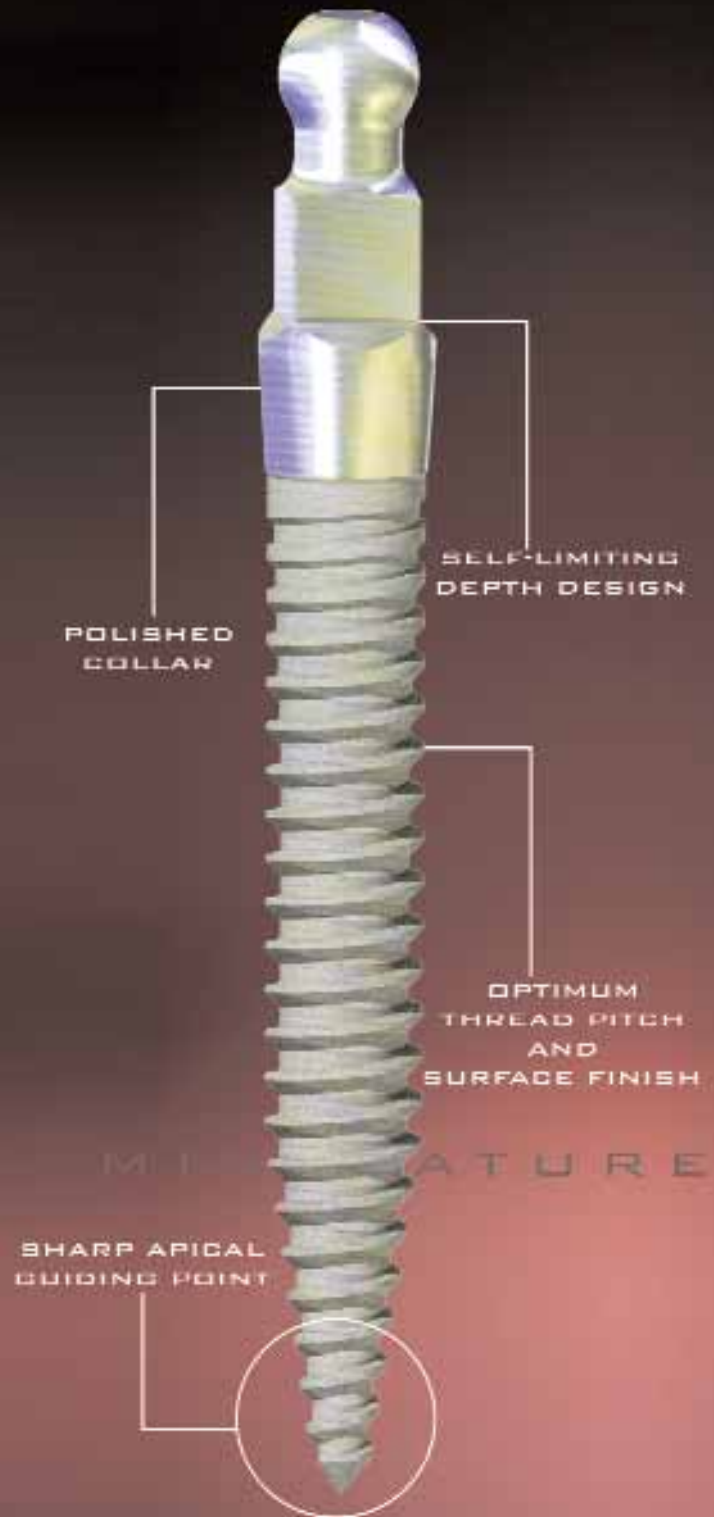
One of the findings of the investigation was that:

 - a irrespective of the material combination, bond strengths at 24 hours were significantly lower than the corresponding bond strengths after 6 months
 - b irrespective of the material combination, bond strengths at 24 hours were significantly higher than the corresponding bond strengths after 6 months
 - c irrespective of the material combination, bond strengths at 24 hours were similar to the corresponding bond strengths after 6 months

- 10 Which of the following statements is correct?
 - a Half of the specimens were tested 24 hours after sectioning and the other half were tested after 9 months of storage
 - b Half of the specimens were tested 24 hours after sectioning and the other half were tested after 6 months of storage
 - c Half of the specimens were tested 12 hours after sectioning and the other half were tested after 9 months of storage
 - d Half of the specimens were tested 24 hours after sectioning and the other half were tested after 3 months of storage



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