

1 Which of the following statements is correct?

- a On SEM evaluation, in the majority of the specimens examined from both the two groups the failure occurred within the resin cement
- b On SEM evaluation, in the majority of the specimens examined from both the two groups the failure occurred within the dentin
- c On SEM evaluation, in the majority of the specimens examined from both the two groups the failure occurred within the resin cement and also within the dentin
- d On SEM evaluation, in the majority of the specimens examined from both the two groups the failure occurred between the dentin and the resin cement

2 Which of the following statements is correct? For this investigation:

- a Eight non-carious human third molar teeth were stored in a 0.9% Chloramine T solution at 5°C and used within one month following extraction
- b Eight non-carious human third molar teeth were stored in a 0.5% Chloramine G solution at 4° and used within one month following extraction
- c Eight non-carious human third molar teeth were stored in a 0.5% Chloramine T solution at 4° and used within one month following extraction

3 Which of the following statements is correct? In the investigation reported,

- a No statistical difference in the bond strength between the control group and the experimental group was detected
- b A weak statistical difference in the bond strength between the control group and the experimental group was detected
- c A strong statistical difference in the bond strength between the control group and the experimental group was detected

4 Which of the following statements is correct?

- a For the SEM examination, composite cylinders 15 mm in diameter and 9 mm in height were prepared
- b For the microtensile examination, composite cylinders 6 mm in diameter and 10 mm in height were prepared
- c For the microtensile examination, composite cylinders 10 mm in diameter and 6 mm in height were prepared
- d For the microtensile examination, composite cylinders 5 mm in diameter and 8 mm in height were prepared

5 Which of the following statements is correct? Before the bond-strength evaluation:

- a After cementation, all specimens were stored in Chloramine T for 48 hours at 10° C
- b After cementation, all specimens were stored in water for 48 hours at 10° C
- c After cementation, all specimens were stored in water for 24 hours at 10° C
- d After cementation, all specimens were stored in water for 48 hours at 37° C

6 Which of the following statements is correct?

- a The null hypothesis tested in this investigation was that the incorporation of

an antibacterial resin monomer in a dual-cured resin cement does not alter its quality of bonding to enamel

- b The null hypothesis tested in this investigation was that the incorporation of an antibacterial resin monomer in a dual-cured resin cement does alter its quality of bonding to enamel
- c The null hypothesis tested in this investigation was that the incorporation of an antibacterial resin monomer in a dual-cured resin cement does alter its quality of bonding to dentin
- d The null hypothesis tested in this investigation was that the incorporation of an antibacterial resin monomer in a dual-cured resin cement does not alter its quality of bonding to dentin

7 Which of the following statements is correct? In the investigation reported, the number of sticks evaluated for bond strength was:

- a 20
- b 50
- c 80
- d 100
- e 120

8 Which of the following statements is correct?

- a Recent studies have shown that simplified etch-and-rinse but not self-etch adhesives behave as permeable membranes after polymerization
- b Recent studies have shown that simplified etch-and-rinse and self-etch adhesives behave as permeable membranes after polymerization
- c Recent studies have shown that simplified etch-and-rinse and self-etch adhesives behave as semi-permeable membranes after polymerization
- d Recent studies have shown that simplified etch-and-rinse and self-etch adhesives behave as permeable membranes before polymerization

9 Which of the following statements is correct?

- a When the dentin barrier is equal/thicker than 500 µm, mild toxicity is detectable with gluteraldehyde dentin-bonding agents
- b When the dentin barrier is equal/thicker than 500 µm, severe toxicity is detectable with gluteraldehyde dentin-bonding agents
- c When the dentin barrier is equal/thicker than 500 µm, no toxicity is detectable with gluteraldehyde dentin-bonding agents
- d When the dentin barrier is equal/thinner than 500 µm, no toxicity is detectable with gluteraldehyde dentin-bonding agents

10 Which of the following statements is correct?

- a To standardize the applied pressure during the cementing procedure, a metallic tool delivering 10 Kg was used
- b To standardize the applied pressure during the cementing procedure, a metallic tool delivering 1 Kg was used
- c To standardize the applied pressure during the cementing procedure, a metallic tool delivering 0.5 Kg was used
- d To standardize the applied pressure during the cementing procedure, a metallic tool delivering 100 gm was used

See dentistry the "Schick" way
Worldwide leaders in imaging

in 100+ countries
Africa



*If you are choosing digital,
the only choice is Schick.*

"Try before you buy" is never more important than when choosing a digital imaging system, especially when judging picture quality. So at Schick Technologies, we want you to compare our system with others as we're confident you'll agree; for practicality and image quality, nothing comes close to Schick! Give us a call to arrange an appointment. We'll bring our Schick system to your surgery, so you can take x-rays, and see for yourself.

*Because seeing
is believing!*



Schick USBCam



Schick CDRPan



Schick CDRPanX



Schick CDR



Schick CDR
Wireless



Schick SDX



Head Office
1115 Church Street
Hatfield, Pretoria
T: +27 12 342 8551/2/6
F: +27 12 342 8541
Practitioner:
Mandi: 082 555 4406
Patrick: 082 575 3899

Johannesburg:
Gerhard: 082 373 1548
Daleen: 082 555 9805
Cape Town:
Alma: 082 787 7717
Robyn: 082 415 3547

Port Elizabeth:
Leann: 082 879 6804
Bloumfontein:
Buko: 083 542 0022
Durban:
Sunia: 082 783 7699

Garden Route:
George: 082 551 6146
P.O. Box 11050
Hatfield 0028
South Africa
info@schick.co.za
www.schick.co.za

