

- 1 Which of the following statements is correct?
As demonstrated by many investigations, dentin canal wall preparation using manual or mechanized techniques:
 - a always causes the formation of pulpal debris
 - b always causes the formation of pulpal debris, and smear layer
 - c always causes the formation of pulpal debris, smear layer and smear plugs
 - d none of the above
- 2 Which of the following statements is correct?
In this study, pulpal debris was observed:
 - a only in a few specimens
 - b in similar quantities in all specimens
 - c in a variable range
 - d none of the above
- 3 Which of the following statements is correct?
Sodium hypochlorite is still considered to be the best available canal irrigant
 - a Sodium hypochlorite is no longer considered to be the best available canal irrigant
 - b Sodium hypochlorite is able to remove the endodontic smear layer formed on the prepared canal walls
 - c Sodium hypochlorite is unable to remove the endodontic smear layer formed on the prepared canal walls
 - d a and c
 - e b and c
 - f a and d
 - g b and d
 - h none of the above
- 4 Which of the following statements is correct?
The parameters analyzed in this study to assess the microscopic root canal space morphology were:
 - a smear layer
 - b pulpal debris
 - c inorganic debris
 - d surface profile
 - e all of the above
 - f none of the above
- 5 Which of the following statements is correct?:
 - a 120 maxillary anterior teeth were used in this study
 - b 100 maxillary anterior teeth were used in this study
 - c 80 maxillary anterior teeth were used in this study
 - d 60 maxillary anterior teeth were used in this study
 - e 40 maxillary anterior teeth were used in this study
- 6 Which of the following statements is correct?
Some scientific studies suggest that the smear layer produced during root canal therapy :
 - a may accelerate bacterial movement
 - b may slow bacterial movement
 - c has no effect on bacterial movement
- 7 Which of the following statements is correct?:
Inorganic debris was identified by SEM analysis in all the experimental groups.
 - a Group 1 and group 3 presented with a higher amount of inorganic debris compared with group 2 and group 4
 - b Group 1 and group 2 presented with a higher amount of inorganic debris compared with group 3 and group 4
 - c Group 2 and group 3 presented with a higher amount of inorganic debris compared with group 1 and group 4
 - d Group 2 and group 4 presented with a higher amount of inorganic debris compared with group 1 and group 3
- 8 Which of the following statements is correct?
For the SEM study, a total of:
 - a 4 photomicrographs per specimen were recorded
 - b 14 photomicrographs per specimen were recorded
 - c 18 photomicrographs per specimen were recorded
 - d 24 photomicrographs per specimen were recorded
- 9 Which of the following statements is correct?
The study showed that a combination of NaOCl and EDTA was found to remove the organic tissue
 - a The study showed that a combination of NaOCl and EDTA was found to remove the organic tissue and inorganic smear layer
 - b The study showed that a combination of NaOCl and EDTA was found to remove the organic tissue and inorganic smear layer but this did not produce a smear-free surface in the apical third of the canal
 - c
- 10 Which of the following statements is correct?
The SEM microphotographs were obtained at a standard magnification of:
 - a 1000X at each third
 - b 2000X at each third
 - c 3000X at each third
 - d Specific areas of dentin at 5000X
 - e Specific areas of dentin at 8000X
 - f a and d
 - g b and d
 - h b and c
 - i

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