

Evaluation of Knowledge of House Officers
Regarding Prevention of Endodontic
Instrument Fracture during Endodontic
Treatment

| QUESTIONNAIRE |

Your participation in this study will be highly appreciated. Please answer all 15 questions by circling the appropriate answer of your choice where required. **All your information will be kept confidential and used only for research and educational purpose.**

Gender: M/F

Age: ____

College / Institution: _____

Year of Graduation: _____

- 1) In which of the following is endodontic instrument fracture more common, in your opinion?
 - a) Primary dentition
 - b) Young permanent teeth
 - c) Old permanent teeth
- 2) In your opinion ,which gender is at a higher risk of endodontic instrument fracture :
 - a) Males
 - b) Females
 - c) No bearing
- 3) In your opinion, which of the following location of a tooth can be a contributory factor for endodontic instrument fracture?
 - a) Anterior
 - b) Posterior
 - c) No bearing
- 4) Patient anxiety plays a role in endodontic instrument fracture :
 - a) True
 - b) False
- 5) Which portion of the root canal is more prone to instrument fracture?
 - a) Coronal Third
 - b) Middle Third
 - c) Apical Third
- 6) Does Expertise of the operator plays a role in the prevention of endodontic instrument fracture :
 - a) Yes
 - b) No
- 7) Does “Coronal Flare” reduce the chances of endodontic instrument fracture?
 - a) Yes
 - b) No
 - c) No bearing
- 8) Do you agree that use of “EDTA GEL” (glide) reduces risk of endodontic instrument fracture?
 - a) Yes
 - b) No
 - c) No bearing
- 9) Does cleaning of an endodontic instrument, during instrumentation of root canal, help in prevention of its fracture?
 - a) Yes
 - b) No
 - c) No bearing
- 10) Does reusing of used endodontic instrument, increases the risk of instrument fracture?
 - a) Yes

- b) No
- c) No bearing

11) Does the choice of endodontic instrument reduce the risk of instrument fracture?

- a) Yes
- b) No
- c) No bearing

12) In your opinion , which type of endodontic file , frequently breaks in the root canal :

- a) Rotary files
- b) Hand files
- c) No bearing

13) In your opinion, which type of endodontic instrument “alloy” is more frequently broken?

- a) Stainless Steel
- b) Nickel Titanium
- c) No bearing

14) In your opinion, in which phase of “Root Canal Treatment” , instruments are most likely broken?

- a) While negotiating the canal
- b) During cleaning and shaping
- c) None of the above

15) In your opinion, which of the following root canal area has the poorest prognosis of fractured instrument retrieval?

- a) Coronal Third
 - b) Middle Third
 - c) Apical Third
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