
Survey.

1. What is your gender?
 - Female
 - Male
2. How many years of clinical experience do you have?
 - 0–5 years
 - 6–10 years
 - 11–25 years
 - ≥26 years
3. What is your specialty status?
 - None (General dentist)
 - Endodontics
 - Restorative Dentistry
 - Oral and Maxillofacial Surgery
 - Oral and Maxillofacial Radiology
 - Prosthodontics
 - Orthodontics
 - Periodontology
 - Pediatric Dentistry
4. Do you perform non-surgical endodontic retreatment procedures?
 - Yes, I perform retreatment
 - No, I refer to an endodontist
 - No, I refer to another general dentist
 - No, I extract the tooth
5. (*Directed to those who answered “Yes” to Question 4*) Do you use rubber dam isolation during retreatment procedures?
 - Never
 - Occasionally
 - Usually
 - Always
6. Do you use magnification devices during retreatment procedures?
 - Dental operating microscope
 - Dental loupes
 - No magnification device
7. After access cavity preparation, which instrument do you primarily use to enter the root canals?
 - H-files
 - K-files
 - Rotary instrument systems
 - Other
8. Which rotary instrument systems do you use during retreatment? (*Multiple responses permitted*)
 - Rotary systems
 - Reciprocating systems
 - Retreatment-specific file systems (e.g., D1, D2, D3 type files)
 - XP-endo Shaper
9. Which factors influence your selection of rotary systems during retreatment? (*Multiple responses permitted*)
 - Number of files used for shaping
 - High flexibility
 - Low cost
 - Working principle of the system
 - File design

10. What is your most important expectation from the rotary system used during retreatment?
 - Minimum number of files
 - Shortest shaping time
 - Preservation of canal anatomy
 - Low cost

11. What is the most important disadvantage of rotary systems during retreatment, in your opinion?
 - High cost
 - Instrument fracture
 - Long shaping time
 - Alteration of root canal anatomy during shaping
 - No disadvantage

12. What is the most common cause of instrument fracture during retreatment, in your opinion?
 - Manufacturing defect
 - Exceeding the recommended number of uses
 - Use outside recommended torque/speed values
 - Anatomical complexity
 - Other

13. Which irrigation solutions do you prefer during retreatment? *(Multiple responses permitted)*
 - Saline solution
 - Sodium hypochlorite
 - EDTA
 - Chlorhexidine

14. Do you use any adjunctive irrigation activation methods during retreatment? *(Multiple responses permitted)*
 - No
 - Manual dynamic activation
 - Sonic activation
 - Ultrasonic activation
 - Apical negative pressure irrigation
 - PIPS and SWEEPS laser activation