



Titanium Root Tip Remover

The ExtractEZE™ Root Tip Remover system has been utilized and praised by Dentists, Oral Surgeons and Periodontists in preserving the entire Alveolar process in human patients. ExtractEZE™ is now available for Veterinary Dentists as an adapted system in cases where a root tip remains in the patient's jaw due to an accident or complication to an extraction procedure. Choosing one of the five (5) different sized ExtractEZE™ threaded grips is dependent on the animal, tooth size and oral location. Once the proper size is selected, a serious dental complication becomes a standard procedure.

The ExtractEZE™ Root Tip Remover (RTR) is a **fingertip grip instrument** used to extract a root tip from a patient and does NOT attach to high or low speed handpieces. The ExtractEZE™ working end has an extremely sharp surgical screw tip with each thread designed to be an anchoring, cutting edge which secures into the root's dentin once seated. The surgical cutting edges are designed to allow the RTR to **"self-seat"** into the root canal walls (dentin). The instrument is gently rotated clockwise until firmly seated; then the extraction process may begin. The RTR's fine tip is designed to find and access a small root canal within the limited space and visibility of the patient's mouth. Due to the various degrees of ligament attachment to the root, it is important to loosen or luxate the ligament **after** the RTR's implementation.

Key Points

1. Do NOT overtighten the ExtractEZE™ RTR. This may result in fracturing the root tip in the socket.
2. Patient root tips may have to be further loosened for improved extraction.
3. Do NOT use the Ridge / Alveolar process as a fulcrum for the RTR; this may result in bending the instrument.

Sizes & Uses

A variety of thread angles, coupled with a range of working lengths, allows the user to determine the ideal Root Tip Remover to use for a specific situation. An X-Ray provides additional information to ensure correct RTR selection.

Root Tip Removers - Individual

Item	Description	Uses
54560	ExtractEZE™ RTR - 5 Degree Thread Angle, 12mm Working Length - J50	Average canal size (standard thread angle, short working length)
54561	ExtractEZE™ RTR - 5 Degree Thread Angle, 19mm Working Length - J55	Average canal size (standard thread angle, medium working length)
54565	ExtractEZE™ RTR - 10 Degree Thread Angle, 19mm Working Length - K55	Medium canal size (medium thread angle, medium working length)
54563	ExtractEZE™ RTR - 15 Degree Thread Angle, 26mm Working Length - L60	Large canal size (aggressive thread angle, long working length)
54564	ExtractEZE™ RTR - 5 Degree Thread Angle, 19mm Working Length, Feline - J55F	Feline (or small dog) canal size (IE #'s: 101-103, 201-203, 301-303, 401-403)

Root Tip Removers - Sets

Item	Description
54567	ExtractEZE™ RTR - 3 Piece Set - J55, K55 and L60
54562	ExtractEZE™ RTR - 2 Piece Set - J55 and J55F
54566	ExtractEZE™ RTR - 5 Piece Set - J50, J55, K55, L60 and J55F



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Extracting Root Tips in the Bottom of the Socket

When a root tip breaks off in the bottom of the socket, it is often difficult to see. The ExtractEZE™ RTR features a fine tip to assist in locating the root canal when vision is limited or obstructed.

1. Take an X-Ray to determine the length of the root tip, root canal location and periodontal ligament integrity. This will also aid in selecting the correct size RTR.
2. Hold the knurled finger grip and insert the surgical screw tip into the tooth socket toward the root tip. Thread the RTR into the root canal.
3. Slowly rotate the instrument clockwise with your fingers until the RTR is firmly seated in the walls of the root canal (dentin).

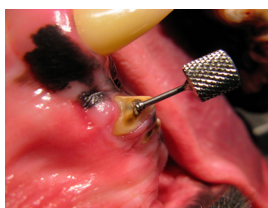
➤ **IMPORTANT:** Do NOT overtighten the ExtractEZE™ RTR. This may result in fracturing the root tip in the socket.

4. Widening the periodontal ligament may often be required. If needed, loosen or luxate the surrounding root ligaments at this time.
 - Once the RTR is firmly seated, insert an elevator and loosen the ligament using side to side motion with the elevator thus widening the periodontal ligament for the root tip extraction.
 - Do NOT use the Ridge / Alveolar process as a fulcrum for the RTR; this may result in bending the instrument. Force must be vertically applied with the RTR to extract the root tip from the socket without damaging the instrument.

NOTE: Most root tips will be removed easily once the ligament is luxated by simply pulling vertically with fingers on the knurled finger grip with a gentle, firm force. This action will generally sever the periodontal ligament and allow the root tip to be lifted from the socket. Never use RTRs in a rocking motion to loosen root tips.

➤ **IMPORTANT:** The ExtractEZE™ RTR must only be pulled vertically as any horizontal force on the root tip may eventually cause the instrument to bend.

5. Hold the finger grip gently, but firmly, and pull the instrument vertically out of the socket. If the periodontal ligament is still intact, further loosening of the ligament may be necessary. Remove the root tip from the socket once the ligament is loosened.
6. Remove the extracted root tip from the instrument.
7. Clean the RTR with a soft brush to ensure threads are free of any tissue or debris, then place the RTR in the ExtractEZE™ stainless steel autoclavable block, sterilize and return to the surgical pack.



Available Soon: Mechanical Lifter to aid in removing root tips!