



Step by Step Procedure

Step 1. Shorten the tooth

Shorten the tooth by using a common diamond bur in order to gain easy access to the root canal.



Step 2. Prepare the root canal

Only use the specially designed Easy X-TRAC root canal drills. The recommended speed is 8,000 to 10,000 rpm.

The 3 drills are color coded, indicating 3 different diameters. Start with the thinnest drill (white), and work your way up to the largest diameter drill (blue), in order to accommodate the X-TRAC Screw.

Fully insert the drills, using the entire thread area of the drill.

Tip: We recommend moving the drills up and down several times to completely bore out the canal!

Step 3. Screw in the X-TRAC Screw

Select the correct X-TRAC Screw

Three sizes of the X-TRAC Screw are available. The 28mm length and 33mm length are included in the set. A specially designed 2.0mm, large diameter Root Canal Screw can be ordered separately.

Hold the X-TRAC Screw to the tooth and check for the correct length. The reference point is the indent mark on the shaft of the X-TRAC Screw.

Tip: Always use the highest point in the tooth row as a reference for the indent mark on the screw shaft!

Important! Check the length of the X-TRAC Screw very carefully!



Screw in the selected X-TRAC Screw

After preparing the root canal with the 3 drills, screw in the selected X-TRAC Screw using only your finger tips until you feel a slight resistance and the screw is successfully started.

Now use the X-TRAC Ratchet to complete the screwing process. Turn the X-TRAC Ratchet slowly and with control. Be sure to completely sink the threads of the screw all the way to the shoulder.

Tip: Check the friction of the X-TRAC Screw after screwing in, to ensure a good hold!



Step 4. Place the X-TRAC Protector

Load the suitable X-TRAC Protector (left or right) mesial and distal from the hole with silicone

Important! Keep the hole free of silicone for the X-TRAC Screw. In case of an endentulous situation, you have to use more silicone, to ensure sufficient support!

Immediately put on the protector like an impression tray and lead the head of the screw already inserted in the tooth, through the hole.

Tip 1: The angle between the extraction screw and the protector surface should be 90 degrees!

Important! Sink the protector until the indent mark on the shaft of the X-TRAC Screw becomes visible!

Tip 2: Before starting the extraction procedure, you should remove the protector once more to check if all the impressions are within the silicone. If there is any metal left exposed on the protector, you have to repeat Step 4. to avoid any damage to adjacent teeth!



Step 5. Use the Easy X-TRACTOR

Place the jaws of the Easy X-Tractor between the surface of the X-TRAC Protector and the head of the X-TRAC Screw. Be sure the jaws of the Easy X-Tractor completely surround the head of the X-TRAC Screw.

Slowly turn the handle screw of the Easy X-Tractor to open the jaws. You will feel a slight resistance from the axial force component, causing the tooth and root to be extracted.

Note: The X-TRAC Screw is designed to bend slightly if needed, due to the force of extraction. Therefore the X-TRAC Screws are designed for ONE TIME USE ONLY!

Important! Screwing in and removing the X-TRAC Screw from the tooth greatly reduces friction of the screw's cutting thread, and most likely will result in failure of the extraction procedure if re-used. You must order new X-TRAC Screws for every procedure!

Step 6. Extract the tooth



When the resistance ends, the tooth and root are fully extracted.
Remove the Easy X-Tractor and lift off the X-TRAC Protector.

Now simply pull the X-TRAC Screw with your fingertips to remove
the tooth and root from the alveolus.



The extraction procedure is completed!

Step 7. Cleaning and Sterilization

The Easy X-TRAC System can be sterilized by all methods, up to
390F, 200C.

Important! Do not use any harsh chemicals for cleaning.

Contact A.Titan Instruments with any questions....



www.atitan.com

A.Titan Instruments
10 Centre Drive
Orchard Park, NY 14127

Toll Free: 1-877-284-8261
E-mail: info@atitan.com