



Fig. 1

Cut a shallow horizontal notch in the coronal third of the tooth root on the facial and lingual surface. These notches will help lock the tooth in the PDL Putty and prevent removal or displacement of the tooth. Be careful not to enter the root canal space.



Fig. 2

Slide the metal Q-link into the bottom slot of the Q-box. Be sure the Q-Link is fully inserted.



Fig. 3

Set the tooth in the PDL Putty inside the Q-box.



Fig. 4

Ensure the apex of the root is fully covered by the PDL Putty. Using the Fixing Gel syringe, gently squeeze the material around the tooth—use a spatula to spread and smooth the gel material. Allow the Fixing Gel to set for at least 30 minutes (24 hours full set).

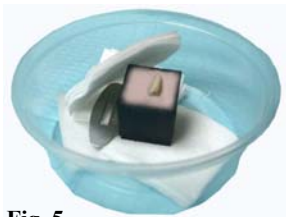


Fig. 5

To prevent a tooth fracture and the Endo Q model from drying out over time, we suggest you store the Endo Q model in a plastic container with moist gauze.

**Once you open the package of Q-boxes, be sure to keep the remaining Q-boxes in a moist container to prevent the PDL Putty from drying out.*

Apex Locator

- Be sure all pulp tissue has been removed from the canal.
- If there is a lateral canal, dry the liquid below the canal.
- If there is a reading in the cervical area, you may have cervical leakage or a cervical lateral canal. Dry it with air and paper point.
- Sometimes the loop and clip are not making contact using one hand, hold them together to ensure there is a good contact.
- Use a snug file to ensure consistent conductivity. A smaller file in a large canal may give you an erratic reading.
- If you use the same tooth for too long it may enlarge the foramen and create inaccurate readings.
- Other causes for inaccurate readings: hidden fracture in the root; canal may be obstructed by dentin shavings; canal calcification; incomplete foramen or open foramen or a presence of large lateral canals.

Endo Q

- PDL Putty must be in direct contact with the apex and Fixing Gel must be used to secure the tooth.
- Be sure the Q-Link is inserted completely into the Q-box.
- To prevent a tooth fracture and the Endo Q model from drying out, store in a plastic container with a moist gauze as illustrated in figure 5. If the Endo Q model dries out, the apex locator will not work. A new model will need to be assembled.