

ModuPRO Endo Instructions

Thank you for choosing the ModuPRO. Your ModuPRO is designed to universally fit to most standard posts and simulation systems worldwide. When mounting in a simulation system, remove the four screws attaching the articulator to the upper and lower Carrier Trays. As a reminder, after use, be sure to wipe dry the magnets and surrounding area on the Carrier Tray to mitigate corrosion.

Setting teeth in ModuPRO Endo modules

Each endo module has a socket designed to accommodate one natural tooth no more than 25mm in length. The socket should be clean and dry before mounting the tooth. No materials other than Apex Putty™ and Fixing Gel™ should be used when mounting a tooth. The endo module is a disposable item and the tooth cannot be removed once mounted. Please adhere to the instructions and illustration below for proper tooth placement.



1 With round burr, cut a horizontal notch in the coronal third of the tooth on the facial and lingual surface. Be sure the tooth is clean and dry before mounting in the module.



2 Use only Apex Putty.



3 Place the Apex Putty in the bottom of the socket. Note illustration.

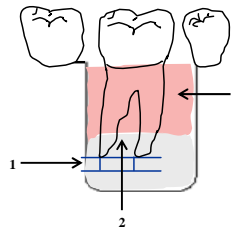


4 Place the tooth in the Apex Putty making certain there is not a void between the apex and root tip. Align with the occlusal plane of the adjacent tooth.



5 Bleed syringe for even extrusion of both materials before attaching Mixing Tip. Fill entire socket around the tooth with Fixing Gel to CEJ. Note illustration. Sets in approx 30 minutes (full strength in 24 hours). Note: Teeth should be stored in an air tight container with moist gauze to mitigate tooth fracture.

Illustration—Apex Putty and Fixing Gel Placement (Buccal Lingual View)



1. Apex Putty should be at least 2 mm in depth beyond all root apices.
2. Apex Putty should extend up the sides of the root (s) approximately 1/4 of the distance from the root apex to the CEJ, but no more.
3. Fixing Gel should cover the Apex Putty and the remaining space in the socket to the CEJ.

X-Rays with the Opti-X w/sphere

Fit conventional film on the underside of the Opti-X. Place the endo module in the desired location to achieve the angle you want. With digital sensor, place Opti-X on top of the sensor.



Tips for use with an electronic apex locator

- Place a small drop of water on the magnet located on the Carrier Tray directly beneath the module that will be used.
- Be certain there are no voids between the Apex Putty and root tip of tooth.
- Ensure all pulp tissue has been removed from the canal.
- If lateral canal is present, dry liquid below the canal.
- With reading in cervical area, look for cervical leakage, a cervical lateral canal, or cervical perforation. Dry it with air and paper point.
- Ensure continuity between ModuPRO and EAL.
- A small file in a large canal may give an erratic reading.
- Repeated use with the same tooth may enlarge the foramen and create inaccurate readings.
- Other causes for inaccurate readings: hidden fracture in the root, canal obstructed by dentin shavings, canal calcification, open foramen, or presence of large lateral canals.

The ModuPRO is manufactured under one or more U.S. Patent Nos: 6,520,775; 6,988,894; 7,713,063. Other U.S. Patents Pending.