

DENTATUS PER-IO-TOR™ INSTRUMENTS

THE ULTIMATE TOOLS FOR SAFE MECHANICAL
ROOT-PLANING

Prevents Further Removal of Root Cementum Once Surface is Clean

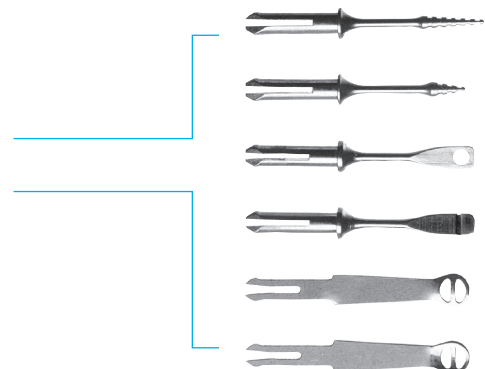
The Advantages

- For mechanical tooth cleaning
- Safe root-planing with Profin
- Developed by Prof. Per Axelsson
- Made of high quality stainless steel
- Made for long lasting performance

Used in the reciprocating Profin handpieces, Per-Io-Tor tips gently smoothen the root surface without over-instrumentation.

For Profin reciprocating hand piece

All instruments are made of high quality stainless steel



Prevents Further Removal of Root Cementum Once Surface is Clean

The Per-lo-Tor instruments are specially designed to optimize cleaning and planing of the rough root cementum and prevent further removal of root cementum once the surface is clean and smooth.

The secret is in the unique design of the Per-lo-Tor instruments, which have planing grooves set in a smooth surface.

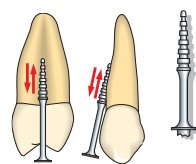
Reciprocating Instruments



Stand for Per-lo-Tor Instruments

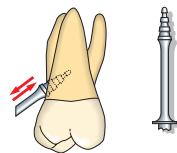


PER-IO-TOR ↔ RECIPROCATING - for Profin reciprocating hand piece



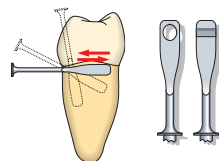
PER-IO-TOR 1

is designed for root grooves and furcation areas.



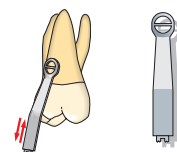
PER-IO-TOR 2

is designed for root grooves and furcation areas.



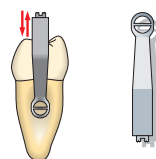
PER-IO-TOR 3 and 4

should be used on plane and convex approximal surfaces. No 3 is extra thin for very narrow interproximal areas, such as lower anteriors.



PER-IO-TOR 5

has a concave working surface for vertical use on convex buccal and lingual surfaces.



PER-IO-TOR 6

has a convex working surface for vertical or diagonal use on concave approximal surfaces.

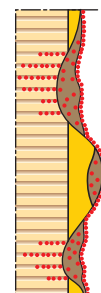
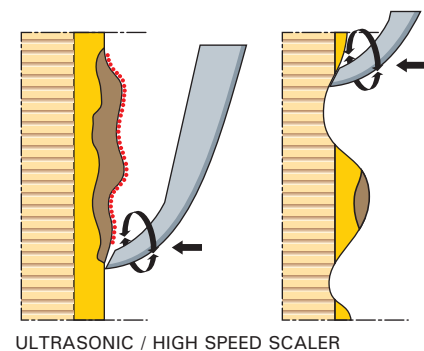
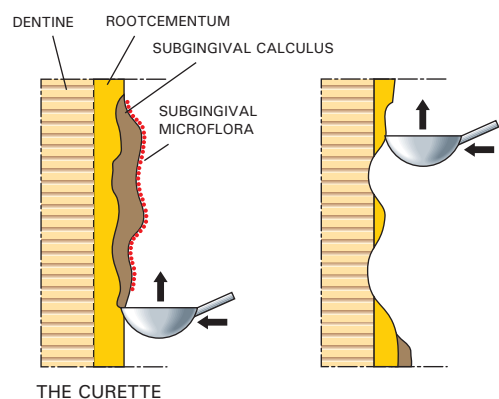
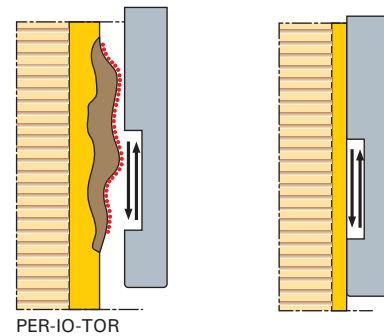
Why Use Per-lo-Tor Instead of Other Techniques

Research shows that a clean smooth root cementum is of great importance for good healing of marginal periodontitis and for the regeneration of the periodontal supportive tissue. The root cementum is only between 0,03 and 0,1 mm thick in the coronal third of the root. Therefore 10-20 strokes with a curette or 5-10 rotations with a 15 micron diamond bur may result in the complete removal of the root cementum. This can lead to an invasion of subgingival microflora in the dentinal tubules which may result in an infection of the pulp. Additionally, microflora and their toxins in infected root canals may go the other way, which will lead to disturbances in the healing of the periodontitis.

Ref. Prof. Per Axelsson's book "Professional Mechanical Tooth Cleaning (PMTTC), Finishing and Minimally Invasive Treatment of Caries and Periodontal Diseases – Materials, Methods and Effects".

Facts:

- All Per-lo-Tor instruments are made of high quality stainless steel and may be cleaned in ultrasonic baths, in thermal washers / disinfectors and in autoclaves at 134° C.
- Per-lo-Tor 1-4 may be used in all Profin and EVA handpieces.
- Per-lo-Tor 5-6 should be used in a Profin handpiece, since these instruments are used in a locked position.
- Degree of removal: approximately 0,005 mm at 2-3 minutes use until the root cementum is smooth.
- All Per-lo-Tor instruments should be used at approximately 10.000 rpm.
- The Per-lo-Tor instruments have been developed by Prof. Per Axelsson, Sweden, and are carefully documented.



CONSEQUENCE OF
RECURRENCE OF PLAQUE
ON PARTIALLY EXPOSED
ROOT DENTIN.

Learn More About the Profin System and Per-lo-Tor Treatments

In connection with the Profin PDX we launched Professor Per Axelsson's latest book "Professional Mechanical Tooth Cleaning (PMTc), Finishing and Minimally Invasive Treatment of Caries and Periodontal Diseases – Materials, Methods and Effects".



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