

ENDOSYRINGE

Endodontic syringe for antiseptic treatment of root canals

Indications

Endodontic syringe is used for irrigation of root canals.

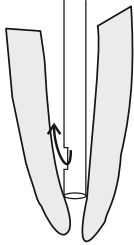


Figure 1.

"Endosyringe" is a set of a syringe with a special lock equipped with the special endodontic needle of 0,4 mm diameter (27 G) and 35-38 mm of length. Needles which comes in complete of "Endosyringe" have two or three output perforations - at the end of the needle and on the lateral side(s).

When the end of the needle reach the narrowed part of the root canal is lateral perforation allows the liquid to come out to the wider part of the root canal, thus avoiding excessive pressure in the periapical area (Figure 1).

When irrigating solution comes out to the wider part of the root canal, it is directed to the pulp chamber, while producing its antiseptic action.

Recommended use

Remove the central part of the aluminum protective cap of infusion bottle. Aspirate the solution directly into the syringe through the rubber plug using an ordinary needle, preferably of large diameter. Then in the filled syringe change a sharp needle to the endo one named "Endoneedle".

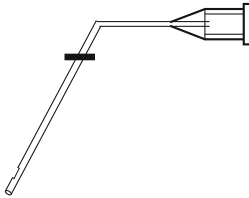


Figure 2.

Slightly bend the needle at the required angle (Figure 2). Insert the needle into the root canal, leaving 3-5 mm to the apex, since the injected solution flows into the canal with the pressure. Start processing the root canal. To avoid excessive pressure and to ensure more effective operation the processing should not be too rapid. Near the place to be treated put a saliva ejector, which will quickly remove effluent solution together with the decomposition products reducing unwanted contact of hypochlorite with the oral mucosa. For complete removal of all of the decay products from the root canal the amount of used liquid must be substantial (10 - 20 ml).

Package contents and storage

Package includes 10 syringes of luer-lock 3 ml of volume with needles "Endoneedle" sized 0,4 × 35-38 mm

Keep the material in dry place at t +4°C to +24°C.

Shelf life is 5 years.

Needle "Endoneedle" is available with lateral perforation, bilateral perforations and with no perforation, in diameter of 0,3 - 0,4 mm, length of 35 - 38 mm.