

ENDONEEDLE

Endodontic needles with lateral perforations for antiseptic treatment of root canals

Indications and properties

Used in professional dentistry for irrigation of root canals with antiseptic solutions (sodium hypochlorite) in the process of preparing them for filling and obturation.

"Endoneedle" – endodontic needle with diameter of 0.4 mm and length of 35-38mm. "Endoneedle" has a blunt tip of needle cut that makes it impossible to damage an apex mechanically.

Lateral perforation when irrigating the solution eliminates excessive pressure in the periapical region.

"Endoneedle" with lateral perforation has an opening on the side wall of a needle with diameter of 0,15 mm at a distance of 3 mm from the tip of the needle.

Recommended use

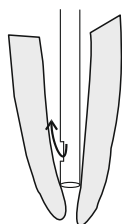


Figure 1.

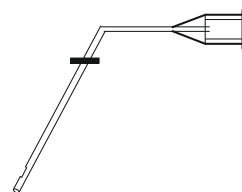


Figure 2.

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".

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 20 needles sized 0,4 × 35 mm.
Keep the material in dry place at t +4°C to +24°C.
Shelf life is 5 years.

ENDONEEDLE

Endodontic needles with bilateral perforations

Indications

Endodontic needles are used for irrigation of root canals with irrigation solutions (sodium hypochlorite) in the process of preparing them for filling and obturation.

"Endoneedle" is an endodontic needle with optimal diameter of 0.4 mm (27G) and length of 35-38mm. "Endoneedle" with bilateral perforations has three openings: one on the tip of the needle and two lateral – one against the other with diameter of 0,15 mm at the distance of 3 mm from the tip of the needle.

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.

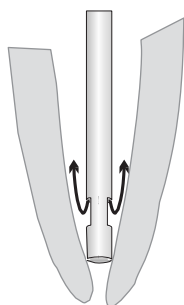


Figure 1.

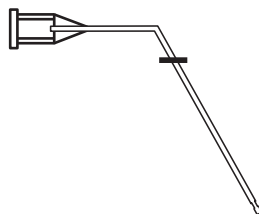


Figure 2.

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".

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 20 needles sized 0,4 × 35-38 mm.
Keep the material in dry place at t +4°C to +24°C.
Shelf life is 5 years.

ENDONEEDLE

Endodontic needles with no perforations

Indications

Endodontic needles are used for irrigation of narrow and curved root canals with irrigation solutions (sodium hypochlorite). They are used for introduction of liquid and gel forms of E.D.T.A. (Edetal, Edetal-Endo) in the process of preparing them for filling and obturation.

"Endoneedle" is a special endodontic needle with diameter of 0,4 mm (27G) or 0,3 mm (29G) and length of 35-38mm. "Endoneedle" with no perforations is a needle with blunt atraumatic tip.

Recommended use

Put a needle "Endoneedle" on the syringe filled with acting substance – solution or gel (Edetal-Endo).

Slightly bend the needle at the required angle (Figure 2).

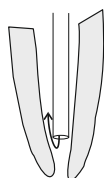


Figure 1.

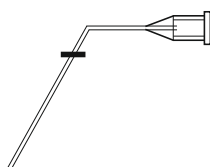


Figure 2.

Important! (especially for needle of diameter 0,3 mm) Insert the needle into the root canal, leaving 3-5 mm to the apex in order to avoid going the needle over the apex. Start processing the root canal. To avoid excessive pressure and to ensure more effective operation the processing should not be too rapid.

Package contents and storage

Package includes 20 needles sized 0,4 or 0,3 mm and length of 35-38 mm.
Keep the material in dry place at t +4°C to +24°C.
Shelf life is 5 years.