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Description of the procedure of the dental services for:

Endodontia



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STUDIO ODONTOIATRICC

These protocols are taken from the Quality Handbook according to UNI EN ISO 9001:2000
The Quality Handbook belongs to the Dr. Mezzera Dental Clinic
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SURGERY – EXODONTIA

1.1 ORTHOGRADE ENDODONTIC TREATMENT

1. Pre-operative intraoral radiography
2. Positioning of a dispensable lattice dam Dental Dam (Hygenic) or Flexi Dam no lattice (Hygenic)
3. Opening of a pulp chamber with a ready-to-use bur set, which is composed of:
 - Bur Komet 6801
 - Bur Komet H1 204
 - Bur Butt
 - K-File (Dentsply) n08-n10-n15-n20-n25-n30
 - Gates (Dentsply) n°2– n°3–n°4
4. Tool passage K-file n°10 e n°15
5. Gates passage n° 2/3/4 for the third coronal
6. Canal electronic measurement of the channel through Root ZX
7. Start of the bur sequence M2 (Sweden & Martina) n° 10/15/20/25 (ready-to-use set)
8. Canal washing through hypochlorite, which has been previously warmed up in the bottle warmer (Chicco)
9. Choice of the gutta-percha cones inline (BM Dentale) F-medium or Medium
10. Intraoral radiography through gutta-percha cones
11. Canal washing through hypochlorite
12. Disinfection of the gutta-percha cones through hypochlorite
13. Canal drying through dispensable paper cones Fine/Medium/ Corse (BM Dentale)
14. Preparation of the endodontic cement Pulp Canal Sealer (Kerr) dust+ liquid
15. Vertical compaction through System-B (Sybron Endo)
16. Final control radiography
17. Tooth reconstruction (see reconstruction with pin)

1.2 RETROGRADE ENDODONTIC TREATMENT (APICECTOMY)

1. Intraoral radiography to find out lesion size and position
2. Plexus or block anaesthesia (Carboplyna or Alfacaina SP 1/100.000)
3. Opening of the pre-packed sterile surgical set (Hu –Friedy), which is composed of

- Surgical pliers General (TP 50709)
 - Needle holder DR Simion (NH5024)
 - Curved scissor
 - Periodontal scaler (13k6)
 - Courette (SPR1/2)
 - Lip retractor
 - Periodontal probe (PCPUNC156)
 - Stripper holder
 - Surgical stripper (Swann-Morton 15C)
 - Opening of the pre-packed apicectomy sterile set, which is composed of:
 - Double flat spatula (Hommacher HWH312/02)
 - Round micromirror (SF2 Swann-Morton)
 - Angular ball burnisher (9740003 Sybron Endo)
 - Straight compactor (Sybron Endo 974-0040/ 974-0050/ 974-0060)
4. Paramarginal incision along the gingival margins by means of a surgical knife
 5. Tissue elevation
 6. Access preparation by means of a cylindrical bur Komet, which is mounted on a straight micromotor Kavo SN04; the motor is moistened through a sterile saline physiological solution
 7. Extirpation of the granulomatous or cystic lesion by means of a courette (SPR 13/14) and an ablator Kavo
 8. Cut of the most apical part of the root
 9. Preparation of the interradicular cavity by means of specific burs for ablator Kavo, so that it can accept the retrograde filling
 10. Positioning of sterile gauzes, which are moistened with a vasoconstrictor to avoid bleeding (Ugurol)
 11. Cavity drying by means of sterile paper cones (BM Dentale)
 12. Filling by means of MTA (Angelus) or Superseal cement (Ogna) by using the apicectomy set
 13. Suture by means of a 4/0 silk thread (Sweden & Martina)
 14. Application of synthetic ice Easy- ice (Dispotec)

1.3 CANAL RETREATMENT

1. Removal of the endodontic material, which is left after the previous treatment, by means of mechanical tools belonging to a set, which is composed of:
 - Bur Komet 6801
 - Bur Komet H1 204
 - Bur Butt
 - K-File (Dentsply) n08-n10-n15-n20-n25-n30
 - Gates (Dentsply) n°2– n°3–n°4
 - Solvent (cloroform or Endosolv)
2. K-file n°10 e n°15 tool passage
3. Gates n° 2/3/4 passage for the third coronal
4. Washing through chloroform or Endosolv
5. Start of the bur sequence M2 (Sweden & Martina) n° 10/15/20/25 (ready-to-use set)
6. Canal washing through hypochlorite, which has been previously warmed up in the bottle warmer (Chicco)
7. Disinfection of the gutta-percha cones through hypochlorite
8. Choice of the gutta-percha cones inline (BM Dentale) F-medium or Medium
9. Intraoral radiography through gutta-percha cones
10. Canal washing through hypochlorite
11. Canal drying through dispensable paper cones Fine/Medium/ Corse (BM Dentale)
12. Preparation of the endodontic cement Pulp Canal Sealer (Kerr) dust+ liquid
13. Vertical compaction through System-B (Sybron Endo)
14. Final control radiography
15. Tooth reconstruction (see reconstruction with pin)