

Basic clinical procedure for MAGFIT



Advantages

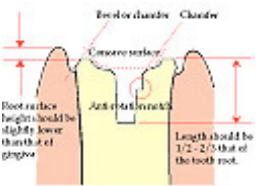
The clinical procedure for MAGFIT magnetic attachments is very simple and easy. Abutment tooth preparation and dental lab processing consists of basic procedures such as root canal treatment, root surface preparation, root cap fabrication, and magnetic assembly pick-up in the overdenture without the need for special tools. MAGFIT is a highly advanced dental treatment which allows an extension of clinical application possibilities using relatively simple procedures.

01 Examination



In this case, a lower canines-supported overdenture will be fabricated. MAGFIT will be used as the retainers on the abutment teeth.

02 Abutment tooth preparation



Root canal treatment and root surface preparation are carried out. Insert a notch into root canal to avoid root cap rotation. Root cap preparation should be carried out in the usual manner.

03 Waxing up with keeper



The heated keeper should be placed on the wax pattern parallel to the occlusal plane.

04 Cementing the root cap



After pickling and polishing the root cap, cement the root cap onto the abutment tooth.

05 Denture design



After taking the impression, the alveolar crest line is drawn on the working denture model. Measurement of the undercut, diagnosis and the design of the artificial teeth arrangement are carried out.

06 Preparation for magnet pick-up



After positioning the magnetic assembly on the keeper, install the denture with a hole to confirm that there is sufficient space between the magnetic assembly and the denture base.



07 Sandblasting



Sandblast the magnetic assembly with alumina and then apply metal primer on the surface to increase the adhesion strength for the self-curing resin.



08 Magnetic assembly pick-up



Place the magnetic assembly on the keeper in the oral cavity. Apply self-curing resin between magnetic assembly and the denture base through the hole. After curing, remove the denture. Magnetic assembly pick-up should be carried out 1-2 weeks after the denture adjustment is finished.



09 Completion of magnet-denture



Installed finished magnet-denture is shown.