

41. An implant supported hybrid prosthesis

Sandeep Kumar

Surendra Dental College

A hybrid denture is one that is fabricated over a metal framework and retained by screws threaded into the implants. This paper presents the fabrication of a maxillary & mandibular implant retained hybrid prostheses for edentulous patients with moderate resorption & excessive interarch space. Implants were placed in maxillary & mandibular arch. Frameworks were waxed, plastic castable abutments were used, casting was done, denture teeth were waxed to the hybrid framework and a final wax try-in was performed to verify and correct maxillomandibular relations before processing. The prosthesis was inserted after verification of occlusion and retention. The hybrid dentures achieve greater masticatory function and psychological satisfaction than with conventional over-dentures. Producing a passive-fitting substructure for a fixed removable screw retained hybrid prosthesis is one of the most technically complex tasks in implant dentistry. The technique presented here describes a simple step by step procedure for achieving passively fitting maxillary & mandibular hybrid prosthesis.

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