

Implant Site: Preparation and Restoration

Introduction of dental implants and next the implant supported prosthesis has hugely enhanced the quality of life for those partially or fully edentulous patients. Implants provided advantages such as preservation of bone, occlusal vertical dimensions, facial esthetics, improved phonetics, enhancement or granting for restoring of oral proprioception, stability and retention of prosthesis, psychological health and eliminating the need to change. Based on clinical observations it has been suggested that the main issue, the primary interest in current clinical and animal research is the study of dimensional tissue changes that occur following tooth loss and the proper timing for implant placement and loading. Patient desire for improved masticatory function is often given as a primary reason for treatment with implant-supported or retained dentures. Implant-supported or retained prosthesis have been increasingly accepted as an alternative to conventional dentures for oral rehabilitation of fully or partially edentulous patients. There is a positive relationship between proper dental implant site preparation and highly remarkable implant success rates and patient satisfaction. The selection of a specific prosthetic design for implant supported prosthesis is wide and often controversial but then again the restoration is

influenced by the type, size, number and orientation of implants that can be planned in relation to anatomical, surgical and prosthetic considerations.