Using computer-guided surgery for partial guidance of zygoma implants.

Balsi T1, Wedlinger G, Balshi S.

Abstract

Patients with advanced atrophy of the maxilla benefit greatly from the use of dental implants. In the past, protocols recommended highly invasive bone grafting, which required months of maturation before implant placement. Over the past decade, zygoma implants have been used as an alternative procedure. While computer-guided surgery provides a great benefit, its use for complete placement of zygoma implants is not yet predictable. The following protocol provides a way to facilitate the placement of zygoma implants into the best position surgically and prosthetically using partially computer-guided surgery.

Fabricating an Accurate Implant Master Cast: A Technique Report.

Balsi T1, Wedlinger G1, Affano GG, Caccavech JH, Balshi SR1,2.

Abstract

The technique for fabricating an accurate implant master cast following the 12-week healing period after Teeth in a Day® dental implant surgery is detailed. The clinical, functional, and esthetic details captured during the final master impression are vital to creating an accurate master cast. This technique uses the properties of the all-acrylic resin interim prosthesis to capture these details. This impression captures the relationship between the remodeled soft tissue and the interim prosthesis. This provides the laboratory technician with an accurate orientation of the implant replicas in the master cast with which a passive fitting restoration can be fabricated.

Management of soft tissue irritation around exposed zygomatic implant in a hemimaxillectomy patient: a technical report.

Balsi T1, Wedlinger GJ, Balshi SF.

Abstract

Patients missing portions or all of the maxillary alveolar bone who are restored with zygomatic implants frequently have threads exposed that can be a mucosal irritant. If such irritation is reported, covering the threads with a highly polished titanium sleeve is recommended. The technique of placing a custom sleeve is described. This adjunctive treatment method has eliminated mucosal irritation.