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Computer guided novel approach in treatment of Edentulous patients with immediate loaded implants

Depending on the developments in computer technologies, implant surgery techniques have several improvements during the last years. With the development of these techniques nowadays, it is expected that edentulous patients will have both implants and prostheses on the same day. Since it is very important for a patient to have teeth in a day, flapless surgical technique with computer guided procedure is chosen for the immediate loading of implants. Advancements in three-dimensional (3D) imaging technology have helped to us allowing better visualization of the soft and hard tissues. This improvement facilitates implant treatment planning related to anatomical and prosthetic conditions, leading to a more predictable outcome. Currently, 3D planning software programs are available to transfer the information from a digital 3D planning environment to the intraoperative surgical field by means of computer aided or guided surgery. Using computer guided protocol, it is a successful treatment option for edentulous patients who demand teeth on the same day. So the best way to obtain this is to use computer and scanning technologies. That's how patients have the immediate smile with minimum pain. Computer guided implants can be a successful treatment alternative for immediate loaded implants in edentulous patients. The patients were satisfied with the treatment outcome. This modern approach has many advantages like patient satisfaction, soft tissue management and precision of implant locations. The purpose of this presentation is to demonstrate how to use computer guided novel approach in treatment of edentulous patients.

Biography

Yılmaz Umut Aslan has completed his Graduation at Marmara University, Faculty of Dentistry in 2006. He became Research Assistant in the Faculty of Dentistry Department of Prosthodontics in the same year; Associate Professor in 2014 and; Vice Dean in 2016. He currently works as Vice Dean and Teacher of Prosthodontic department at Marmara University, Faculty of Dentistry, Department of Prosthodontics.

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