New Technologies for Personalized Medicine in Head and Neck Oncologic and Reconstructive Surgery

Message from the Guest Editors

Oncologic and reconstructive surgery of the head and neck has undergone significant developments in the last decade. New technologies such as virtual surgical planning, 3D printing, dynamic navigation and CAD/CAM technologies have revolutionized the functional and aesthetic results in oncologic and reconstructive surgery, contributing to achieve greater precision in tumor resection and reconstructions for a personalized surgery. In addition, functional rehabilitation of oncologic patients with dental implants has contributed to achieve a significant improvement in the quality of life of these patients, returning oncologic patients to a similar quality of life to what they had before.

This Special Issue aims to cover recent advances in the development and application of these technologies in head and neck oncologic and reconstructive surgery, bringing researchers working on virtual surgical planning, medical 3D printing, CAD/CAM, dynamic navigation and dental implants together to push forward the clinical research of this promising new technology.