

## Special Issue

# Innovations in Head and Neck Surgery

### Message from the Guest Editors

The field of head and neck surgery continues to encounter and benefit from new technologies, with the aim of obtaining more patient-specific treatments. Most of these new techniques are based on virtual surgical planning. This can help surgeons in defining a virtual surgical resection of huge tumors or complex anatomical structures in order to perform a safer oncological resection. It allows also for the design and fabrication of personalized devices, such as cutting guides, prostheses or surgical splints, using 3D-printing technology. Current results concerning the application of innovative technologies in head and surgery are encouraging. The majority of them concern head and neck reconstruction, showing better accuracy and improvements in morphology and functional outcomes compared to those using traditional techniques. Improvements in head and neck surgery are continually progressing, especially considering the latest innovations in medicine, such as robotic surgery, augmented reality and artificial intelligence. This Special Issue aims to explore the applicability and outcomes of innovative technologies in head and neck surgery.

### Guest Editors

Prof. Dr. Achille Tarsitano

1. Maxillo-Facial Surgery, Department of Biomedical and NeuroMotor Sciences, University of Bologna, Bologna, Italy
2. Head of Oral and Maxillo-Facial Surgery Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna, Bologna, Italy

Dr. Giovanni Badiali

Department of Biomedical and Neuromotor Sciences, Alma Mater Studiorum, University of Bologna, Via S Vitale 59, 40125 Bologna, Italy

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*Journal of Clinical Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcm@mdpi.com](mailto:jcm@mdpi.com)

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