

## New Approaches in the Treatment of Oral Pathology during Covid-19 Pandemics

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**Abstract.** COVID-19 pandemic required the introduction of new treatment protocols and the reorganization of circuits in dental offices to protect patients from Covid 19 infection. This new approach involves the restructuring of clinical workflow and new treatment procedures. Guidelines were supplied by regulatory authorities with instructions and recommendations focusing on limiting the contact with patients in dental emergencies and implementing strict safety measures. During pandemic it was noticed an increase in the pathology of the oral cavity that requires treatment through oral surgery procedures and a greater openness of practitioners to the introduction of new techniques and technologies. In this context, there is an increasing trend in the use of teledentistry, digital techniques for planning minimal invasive surgical procedures in the pro-prosthetic and pro-implant stage, optical impression in implant-prosthetic therapy, and laser technologies that allow minimally invasive approach to oral surgery procedures in soft tissues and bone. The new therapeutic approaches have numerous benefits in terms of efficiency, ergonomics and patients' comfort as well as in the prevention of the spread of Covid-19 infection.

**Keywords:** COVID-19, pandemic, minimal invasive, surgery, digital

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### Introduction

During Covid-19 pandemics dental professionals faced unexpected and unforeseen challenges regarding the introduction of new treatment protocols and the reorganization of circuits in dental offices for patients' protection (1).

This new approach involves the restructuring of clinical workflow and new treatment procedures. Guidelines supplied by regulatory authorities with instructions and recommendations focuses on limiting the contact with patients in dental emergencies and implementing strict safety measures. The limitation of patients' access to dental care during conducted to an increase of the pathology of