



State-of-the-Art in Orthodontics and Gnathology

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Message from the Guest Editors

Dear Colleagues,

In the last few years, new diagnostic and therapeutic approaches have been developed in orthodontics and gnathology, so researchers and clinicians are called to keep up with all the developments that are occurring in this field. New technologies, as well as digital devices, are available to enhance the effectiveness of the diagnostic process and increase the spectrum of detectable pathologies, dimorphisms, and dysfunctions in the orofacial region. Moreover, new tools such as intraoral scanners, digital models, cone beam computerized tomography, digital smile design (DSD), facial scanning, photogrammetry, and artificial intelligence (AI) have gradually spread, improving diagnoses—especially of impacted teeth, dental transpositions, and dental/orofacial disharmonies.

Furthermore, patients are more careful in terms of treatment time and aesthetics, so techniques such as corticotomy, pulsed light, mechanical vibrations to accelerate orthodontic movement, and clear aligners to obtain an aesthetic treatment approach are being used more frequently.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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