

# INTRODUCTION TO THIS ISSUE

## Foreword

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Editors in chief of this issue

In recent years we lived a period of modernisation of orthodontic practice. Progress in metallurgy is one of the important novelties which mended our practice. It's in fulfilling the aesthetic challenge and in meeting comfort in use that lingual orthodontics increased its popularity. The temporary anchorage devices offered new possibilities beyond what conventional mechanics could afford. The quality of our treatments was improved thanks all these advancements. The digital revolution, which completely modified the medical imaging, did probably not give yet all the development that the Orthodontics could expect from it.

It seems to us that the new possibilities, which are now evident for the orthodontist, did not enough spread on the other dental practitioners. These also need to be informed about the extension of our therapeutic possibilities in order to relay them to the patients. Conversely, the dental practitioners were not in rest and they too improved their therapeutics, modernized their conceptions and profoundly moved. Our patients should benefit from all the current progresses, in all the fields of dentistry. That is why we owe open in the modern conceptions for all the disciplines of dentistry.

With this spirit of interdisciplinary, our initiative was to understand progress. This is to start from the fun-

damental conceptions to reach the most innovative ideas. The present issue is conceived in the objective to serve the daily clinical practice by presenting the last at present applicable clinical knowledges, susceptible to bare real progress, and to allow access of the best therapeutics to our patients.

It is a vast task for only one issue, this is why we limited in the management of the periodontal problems related to orthodontic therapy. The contributors are clinicians who lean their experience on the fundamental and innovative aspects of these very complementary practices which are periodontics and orthodontics.

Lets us begin with the fundamental aspects in periodontics and implants. Laurence LAPORTE, periodontist, brings us the basic concepts in order to discern the healthy from the pathologic typologies as well as the clinical steps of periodontal treatment.

Hervé BUATOIS implantologist, explains us how to manage in a multi-disciplinary approach the replacement of missing teeth in accessing the associated bone and gingival tissues in a three dimensional vision which is the key of success.

With regard to devices and periodontium, Daniel CHILLÈS French pioneer of temporary anchorage device, offers a new mechanic permitting to

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dissipate the forces of reaction produced by mechanical action and this without disrupting the occlusal balance when it is indicated to be maintained. He defends the use of subgingival short screws. Their security allows other anchorage areas and new directions of forces. His clinical experience enables him to combine concepts that are always difficult to meet: efficiency, simplicity, security and safety.

With the alveolar corticotomy, Jean-David SEBAOUN opens up new prospects for tooth movement. It becomes possible to accelerate the speed of movement. We know that it is particularly influenced by bone status in general, and in the alveolar bone in particular. The technique aims to create and maintain the conditions for rapid tooth movement.

The profound mutation in medical picture has been considerable. With Jean-Michel FOUCART, we have tried to set foot in the door by offering a simple way to access the native CT examinations and introduce you to their analysis through the OSIRIX® three-dimensional software.

Finally we should not consider progress as an end in itself. Novelty is not necessarily a guarantee of value. To get the best of the new therapeutic approaches, they have to be confirmed by the technical evaluation, clinical experience, ethic and legal considerations. At last this point will be developed by the expertise of Alain BÉRY.

Wishing you a fruitful and enjoyable reading.