

P R E S E N T I N G T H I S I S S U E

FOREWORD

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Editors-in chief of this issue



Dear readers,

This various issue gathers together articles that range from basic research to technical developments and touch on such topics as diagnosis and therapeutics and indications for tonsillectomies or treatment of the gummy smile.

It is Martine FRANÇOIS who has outlined for us the indications for a tonsillectomy, the techniques used to perform one, and the stability of the various types of interventions. In addition she explains the impact that failure to eliminate both pharyngeal interference with respiration and mouth breathing will have on maxillofacial growth and on cerebral as well as cardiac tissues.

Thierry PIRAL has described for us, with great finesse, the diagnosis of the gingival, or "gummy" smile as well as the surgical therapies used to correct it. These include total or partial impaction of the maxilla as well as a reshaping of the menton region of the mandible and of the nose.

Emmanuel D'INCAU and Paul SAULUE have used a tribological technique to write about

the physiology and pathology of tooth abrasion in an excellent analysis that helps us to gain a good understanding of the mechanisms at work. Armed with this information we'll be better prepared to diagnose tooth erosion and to prevent it thus enhancing our role as information providers and counselors for our patients.

Pascal BARON and Christophe GUALANO present the Lingualjet technique that was the subject of a course offered to members of the Association of *Revue d'Orthopédie Dento-Faciale*, on March 31 2010.

This is a lingual technique designed to accommodate the use of a pre-formed straight wire arch that simplifies clinical application of this treatment modality. With the Lingualjet method practitioners use a 3 dimensional software program that assures precise control of the fabrication and placement of all attachments.

Roland BENOÎT helps us to glimpse into the future by reviewing current research on the mandible. Promandibulia is being studied in the framework of systemic biology with the objective of better understanding how the mandibular complex is integrated into global

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development. This analysis describes the role of genes, the functions of transcription and signaling, and the influence of environmental factors. The author portrays the probable roles of new methods like gene therapy that will be able to block the development of malocclusion caused by known syndromes.

And, finally, Julien PHILIPPE pays tribute to Edward A. Bogue in a splendid paper devoted to the work of a pioneer advocate of early treatment.

In these pages you will also find the regular departments, including the Radiological Rubric, Orthopractice, and the CECS-MO rubric.

Nicolas COHEN, Julia COHEN-LÉVY and Pierre MACHTOU present the case of a female patient who was afflicted with severe external cervical resorption.

And Stephanie REVERET evaluates the efficiency of two-stage treatment of Class II division 2 malocclusions.

We wish you pleasant and profitable reading of this varium issue and we hope that the articles that the *Revue d'Orthopédie Dento-Faciale* has published throughout the year have helped you to keep your orthodontic awareness up to date and have stimulated you to continue to peruse our journal in the future.