



3RD CONGRESS OF THE BALKAN ASSOCIATION OF ORTHODONTIC SPECIALISTS
4TH CONGRESS OF THE MACEDONIAN ORTHODONTIC SOCIETY



“THE HIGHS AND LOWS OF ORTHODONTICS – OUR LEARNING CURVE”

BOOK OF ABSTRACTS



SEPTEMBER 12-15, OHRID, NORTH MACEDONIA



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Dear colleagues and friends,

On behalf of the Organizing and Scientific Committees of the joined 3rd Congress of BAOS and 4th Congress of MOS, let me wish you a sincere and cordial welcome in the city of Ohrid, one of the grandeur UNESCO heritage sites.

Let's be as numerous as the grains in a pomegranate – the fruit we have chosen as a logo for the Congress.

Why the pomegranate?

Because it is beautiful, reminding of the beautiful colors of the Balkan under the crown of the sun. Because it consists of chambers and many vivid grains inside them – just as the countries and the nations of the Balkans – divided in one way, but also unseparately living together. The pomegranate symbolizes health, fertility and eternal life. Let's all of us gather under the “crown” of BAOS, as numerous and vivid as the grains of the pomegranate; let's fruitfully foster the orthodontic science and bring healthier life to our patients!

Let's smile together.

Sincerely yours,

Prof. Gabriela Kjurchieva Chuchkova
President of the Congress

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PP 42: THE INFLUENCE OF ORTHODONTIC METAL BANDS OR TUBES ON PERIODONTAL HEALTH STATUS

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Orthodontic appliances can cause periodontal inflammation. In theory the use of buccal tubes instead of bands should minimize periodontal health changes due to the fact that the tubes are positioned away from the gingival margins.

Aim: The main aim of this study was to assess the periodontal health status of orthodontic bands compared with tubes in the first three months of orthodontic treatment.

Material and Method: 20 patients 10 males and 10 females with mean age 13.6 ± 1.21 years were examined. Clinical assessment of periodontal health status was done with two parameters: presence or absence of bleeding on probing and probing depth. These measurements were done the start of treatment and after three months of treatment.

Results: A statistically significant increase in the bleeding on probing between the start of the treatment and after three months for bands was observed. The difference in the probing depth in bonded teeth at the start of treatment compared with three months of treatment was not statistically significant. It must be noted that the difference in the average values between the banded/bonded molars was statistically significant.

Conclusion: In the early stages of orthodontic treatment molar bands are associated with greater negative influence of periodontal health compared with molar tubes.