



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 43: PERIODONTAL INDEXES AMONG PATIENTS WITH ORTHODONTIC RETAINERS

Petrovski M.¹, Terzieva-Petrovska O.¹, Carceva Salja S.¹, Atanasova S.¹, Papakoca K.¹

University "Goce Delchev", Shtip, Faculty of Medicine, Department of Dentistry¹

Fixed retainers are most commonly used to stabilize dental elements after orthodontic treatment.

Aim: The main aim of this study was to make short-term assessment periodontal tissue health status of lower incisors of patients with fixed mandibular retainers.

Material and Method: Total number of examined subjects were 40 20 male and 20 female patients with fixed mandibular retainers. Before placing the retainer, an oral hygiene session was performed for all patients. All the subjects were monitored after 3 and 12 months. The following indexes were taken into consideration: gingival index (GI) plaque index (PI) the probing depth and the presence of gingival recession on the six inferior frontal teeth.

Results: Mean score for the Plaque Index (PI) after three months was 1.08 and after 12 months was 1.74. The mean Gingival Index (GI) after 12 months was 1.24 and after three months was 1.01. Periodontal sockets and presence of gingival recession was not found. In our study was found a statistically significant difference for the Plaque Indexes ($P > 0.05$) in both groups with higher scores among subjects having retainers for 12 months.

Conclusion: From the analysis of the data obtained in our study we can conclude that for a period from 3 to 12 months the effects of the orthodontic retainers on the periodontal health are minimal.