



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 33: PATIENTS PERCEPTION AND SATISFACTION FROM ORTHODONTIC MINI IMPLANTS

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Orthodontic mini implants are an inseparable part of the modern treatment of dental defects. The greatest advantage of the mini-implants is that they allow the movement of several teeth without loss of anchorage.

**Aim:** The main aim of this research was to evaluate patients' perception of mini-implants in context of pain hygiene aesthetics and benefits of their usage.

**Material and Method:** Total number of 12 patients with mini implants was examined. All the mini-implants were placed between maxillary first premolars and first molars. Adequate questionnaire containing questions about pain perception during mini-implant placement and use difficulty with cleaning un-aesthetic appearance difficulty with eating and the benefits was used.

**Results:** After analyzing the data we noted that the factor with the most negative impact on orthodontic mini-implant placement is pain and discomfort during placement followed by the difficulty with cleaning. The factors that had the least negative impact were unaesthetic social appearance and difficulty with eating. Score for benefits and advantages observed by the patients was very high indicating very good satisfaction with the end result.

**Conclusion:** Although some patients evaluated aspects of orthodontic mini-implants usage negatively the mean score for benefits observed are very high indicating good patient satisfaction with treatment. **Keywords:** Mini-implants Orthodontic mini-implants benefits of treatment advantages of treatment