One Region
One Vision

Advancing dentistry together



30th BaSS Congress
Thessaloniki 7–9 May 2026
Met Hotel

Balkan
Stomatological
Society

BOOK OF ABSTRACTS

Under the aegis of the

Hellenic Dental Association

Hellenic Republic
Ministry of the Interior
(Macedonia and Thrace Division)

Secretariat
MK PREMIUM
Tel. +357 99812240, Tel. +30 2310226250
info@mk-premium.com | www.mk-premium.com

30th BaSS Congress

One Region - One Vision

Advancing dentistry together

Final Abstract Book

Thessaloniki, 7-9 May 2026
The Met Hotel

Total program entries: 557
Abstract texts extracted and matched: 553

ORAL PRESENTATION

OP.058

TRUE SCIENCE OF OCCLUSAL ANALYSIS COMPARED WITH SUBJECTIVE ANALYTICAL METHODS

Vesna Trpevska1, Cena Dimova2, Biljana Evrosimovska3, Amela Cana4, Bruno Nikolovski5

1. Faculty of Medical Sciences, Goce Delcev University, Stip, PHO University Dental Clinical Center "St. Panteleimon", Department of Orthodontics, Skopje, Republic of North Macedonia
2. Faculty of Medical Sciences, Goce Delcev University, Stip, Republic of North Macedonia
3. Faculty of Dentistry-Skopje, Department of Oral Surgery, Ss. Cyril and Methodius University, Skopje, Republic of North Macedonia
4. PHO University Dental Clinical Center "St. Panteleimon", Department of Orthodontics, International Balkan University-Dental Faculty, Republic of North Macedonia
5. Faculty of Medical Sciences, Goce Delcev University, Stip, PHO University Dental Clinical Center "St. Panteleimon", Department of Oral Surgery, Skopje, Republic of North Macedonia

Introduction: Occlusal analysis is essential and integral part in the dental clinical practice. As the demand for digital dentistry constantly increases, digital devices are gradually replacing conventional methods of recording occlusal contacts.

Materials and Methods: To compare the results for the occlusal bite force and preferded biting side scanned with the T-Scan III System with prefered biting side as subjective feeling of the patients.
30 subjects were evaluated with the T-Scan III System biting on the sensor and biting and without the sensor. Prefered biting side and subjective perception were evaluated.

Results: Results from the prefered biting side with the T-Scan showed that 23,33% of the patients had bilateral simultaneos biting side, 43,33% prefered to masticate on their right side and 33,33% prefered their left side, while results from the prefered side as a subjective feeling showed that 80% of the patients had bilateral simultaneos biting side, 10% prefered to chew on their right side and 10% prefered to chew on their left side.

Keywords: Occlusal force represents masticatory function. Using quantifiable occlusal indicators provides us a more objective occlusal force evaluation.
Occlusal analysis, biting force, T-Scan III System.