

28th BaSS Congress

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ABSTRACT BOOK

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Poster **P**resentation

in orthodontics. This review also studied the accuracy and reliability of lateral cephalograms and its cephalometric analysis.

The review strategy was influenced by the National Health Service Center for Reviews, Dissemination and by the Institute of Electrical and Electronics Engineers Inc, and by ISI Web of Science Citation Index Expanded.

Eligibility of the selected studies was determined by reading the abstracts of the articles identified by each database. All articles that appeared to meet the inclusion criteria were selected and collected. The reference lists of the retrieved articles were also checked for.

PP-03

Characterization of Occlusal Stability as Goals of Orthodontic Treatment

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Introduction: Ideal positional relationships among the teeth within and between the arches, while condyles are positioned such that there is minimal strain on the muscles of mastication is the primary goal in every orthodontic treatment. Diagnosis of the occlusion based on static and dynamic parameters is important both in understanding symptoms and providing treatment plan and successful therapy.

Aim: Evaluation of the occlusion details in subjects with normoocclusion as the orthodontic treatment goal with the T-Scan III system as a sophisticated tool for digital occlusal analysis in order to characterize their occlusal stability.

Material and method: In all 30 subjects with normoocclusion we conducted occlusal analysis with T-Scan III system (Tekscan Inc., Boston, MA, USA) in position of maximum intercuspitation.

Results: The difference between the values for left side and right side in maximum intercuspitation for $Z=0,57$ and $p>0,05$ ($p=0,57$) was not significant. Occlusion time was running in interval $0,29\pm 0,12s$, $\pm 95,00\%KI:0,24-0,33$, while the disclusion time was running in interval $0,21\pm 0,10s$, $\pm 95,00\%KI:0,17-0,25$.

Conclusion: The results showed that subjects with normoocclusion are characterized with balanced occlusion and harmony in the masticatory system function. T-Scan digital analyses use in every day clinical practice is important in diagnose, treatment plan in all phases of orthodontic treatment.

Key words: Occlusion, occlusal parameters, orthodontic treatment, T-Scan III system.

PP-04

Proper Diagnosis and Treatment Plan in TMD Patients

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