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THE RELATION BETWEEN ORAL HEALTH AND PTSD AMONG CHILDREN DURING THE SYRIAN CRISIS

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Background: Studying the prevalence of dental caries in a population in a specific geographic area and the effect of the psychological factors on the people is considered essential to build a database to assess and compare future results of preventive programs and to assess health and social needs of the communities.

Aim: To study oral health situation using (DMFT, PI, GI) indices and the prevalence of Post-Traumatic Stress Disorder (PTSD) among 12 year old children in Damascus and the effect of PTSD on oral health.

Materials & Methods: The sample included 811 children divided into five geographic areas in Damascus. Special questionnaires were used to measure PTSD level and the oral health status was measured by clinical examination.

Conclusion: Data analysis showed that dental caries prevalence was (86%), DMFT value was (3.36). In detail the D value was (2.86), M value was (0.48) and F value was (0.02) respectively. As for PI value, it was (0.79) and GI value was (0.85). The prevalence of PTSD was (22%). The study showed a statistically significant relation between both DMFT and GI values and PTSD value, but there was no statistically significant relationship between PI value and PTSD value.

BIOGRAPHY

Bahaa Aldin Alhaffar graduated from faculty of dental Medicine, Damascus University, Syria with a DDS (Doctor in Dental Surgery). He completed his Master's in Oral Surgery at Saint Joseph University (USJ) Beirut, Lebanon. His work concentrates on the special manifestation of different disease especially the psychiatric disorder. He is the Co-founder and HR manager at We Research Organization for medical research since 2016. He is Medical Research Methodology trainer at Syrian Researchers Organization. He Awarded the GHI Conference Global Health Award at the American University of Beirut, Lebanon. He published more than six original research articles. Currently he is working on enhancing the osteointegration of dental implants.

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