STRUCTURAL EQUATION ANALYSIS OF DENTAL SCHOOL RELATED STRESS FACTORS

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Abstract  
Stress has been an important topic that has been interest of many researchers for decades. It has proven to have several negative effects on well-being as well as having vital effects on health. Also it effects students’ academic success in dental schools which are known to be highly stressful environments due to complicated theoretical knowledge and clinical competencies. Dental Stress Questionnaire was used as a measurement tool in our study and was distributed to all dentistry students in the Dental School. Main aim of this study is find relationship between years of study with stress factors and to introduce a Dental Clinic Model. A detailed literature review was delivered where some studies are found to support our research study and some of these were found to have contradicting results. IBM SPSS Statistics 25, IBM SPSS AMOS 26.0 are used for data analysis. The structural equation model of the Dental Stress Model shows a perfect fit (CFI>0.9, GFI>0.9, 0.05<RMSEA<0.08) and Chi-square values (χ²<2) shows that the model is valid.

Keywords: Dental students, stress factors, SEM analysis, dental stress model.