كلية طب الأسنان

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Research Details :

Research Title	: *BOLTON ANALYSIS IN DIFFERENT CLASSES OF MALOCCLUSION* تحليل بولتون للأسنان لعينة من السعوديين يعانون من أصناف اعوجاج الأسنان المختلفة
Descriptipn	: Many difficulties encountered during the finishing-phase of orthodontic treatment arise due to lack of intermaxillary tooth-size matching. Bolton ratio is one of the most useful calculations for precise orthodontic diagnosis as it shows if there is a correct ratio between dental proportions. The aim of this study was to compare both the Bolton anterior and overall ratios for a Saudi Arabian sample of different classes of malocclusion and also to find if there is any gender difference. This study involved one hundred sixty subjects divided into three malocclusion groups: Angles Class I, Angles Class II, and Angles Class III. Tooth size measurements, Bolton anterior and ovcrall ratios werc performed for the study casts of the patients using the software program Ortho-one. Statistical analysis was done using one-way analysis of variance to check for intergroups differences then independent sample Hest was done to find any sexual dimorphism. The result;; showed that there is no significant difference between Class I, Class II, and Class HI malocclusions. Also no significant gender differences were found in Bolton anterior and overal1 ratios.
Research Type	: Thesis
Research Year	: 2006
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Attatchments :

File Name	Type	Description
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