Assessment of malocclusion pattern and dentofacial characteristics in Aljouf population

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The aim of this study is to assess the pattern of malocclusion and dentofacial characteristics among Aljouf population. Individuals in the age group of 7 years and above were incorporated in this study. Pretreatment orthodontic records of a total of 120 patients were obtained. Data recording was established on case records, study models, cephalometric x rays and photographs of those patients presented and clinical examination. The data were analyzed by SPSS software (Statistical Package for Social Sciences, version 20.0, Chicago, Illinois, USA). Calculation of descriptive statistics was done and Chi-square was applied. In this study Angle's Class I malocclusion was found being more prevalent as contrasted with alternate sorts of malocclusion. Increased overjet and crowding were the major occlusal finding. Most patients had orthognathic and retrognatic profile, the difference or association is found to be between malocclusion classes and facial profile. This study has attempted to highlight various components which assume an essential part in settling on the choice to begin orthodontic treatment and might give a pattern information for arranging orthodontic treatment to strategy planners and orthodontists with suggestions on the procurement of consideration and the utilization of constrained assets.

Biography
Ibadullah Kundi has completed a Fellowship from CPSP Pakistan in the subject of Orthodontics. He has completed MS Ortho from Royal College of Surgeons of Edinburgh. He is working as Assistant Professor in the College of Dentistry, Aljouf University Saudi Arabia. He is a member of different committees and has many publications.

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