



تفاصيل البحث:

Cephalometric Norms for Saudi Adults Living in the :
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عنوان البحث

European-American norms are still used in the orthodontic :
treatment of Saudi patients, despite the different ethnic
backgrounds of Saudis. The aims of this study were to
evaluate the cephalometric features of a Saudi population and
to establish cephalometric norms for Saudis living in the
western region of Saudi Arabia. Seventy lateral cephalometric
radiographs of Saudis (32 females and 38 males; aged 18-28
years) with acceptable profiles and Class I dental relationships
were traced and analyzed. The mean value, standard
deviation, and range of 16 angular and linear variables were
calculated. The resulting norms for Saudis were compared
with European- American norms using an independent t-test.
Male and female groups were also compared using the t-test.
Saudis tend to have an increased ANB angle because of
retrognathic mandibles and bimaxillary protrusion as
compared with European-Americans. Males tend to have more
prognathic mandibles than females as indicated by the
statistically significant increase in facial angle (P , .05) and
SNB angle (P , .05). Although the anterior lower face height
was similar in males and females, males tend to have a
steeper mandibular plane angle when related to the anterior
cranial base than females (P , .05). Saudis have distinct
cephalometric features, which should be used as a reference
in treating Saudi orthodontic patients. (Angle Orthod
(.113-76:109;2006

الوصف

: رسالة علمية

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