Analisis radiomorfometri sudut gonion, jarak inferior foramen mentalis, tinggi ramus mandibula untuk estimasi jenis kelamin = Radiomorphometric analysis of gonion angle inferior distance of mental foramen mandibular ramus height for sex estimation

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Abstrak

ABSTRAK
Mandibula merupakan salah satu tulang yang penting dalam Forensik Odontologi untuk estimasi jenis kelamin. Tujuan penelitian ini adalah menganalisis perbedaan sudut gonion, jarak inferior foramen mentalis, dan tinggi ramus mandibula pada pria dan wanita. Metode penelitian dilakukan analisis radiomorfometri pada 200 radiograf panoramik. Hasil penelitian menunjukkan besar sudut gonion pria 121.8 , wanita 125.5 , jarak inferior foramen mentalis pria 14.73 mm, wanita 13.35 mm, tinggi ramus mandibular pria 56.82 mm, wanita 51.37 mm. Tingkat akurasi persamaan regresi ketiga variabel sebesar 83.5 . Kesimpulan, adanya perbedaan signifikan besar sudut gonion, foramen mentalis, dan tinggi ramus mandibular pada pria dan wanita <hr>
ABSTRACT
Mandibular bone has important role for sex determination in Odontology Forensic investigations. The aim of this research is to analyze gonial angle, mental foramen, and mandibular ramus height. Radiomorphometric analysis was performed in this research on 200 panoramic radiographs. Result of this research demonstrate gonion angle in men are 121.8 whereas 125.5 in women, inferior distance of mental foramen in men are 14.73 mm and 13.35 mm in women, mandibular ramus height in men are 56.82 mm and women are 51.37 mm. Regression equation of three variables has 83.5 accuracy. Conclusion, there is significant difference between male and female for gonial angle, mental foramen, and mandibular ramus height.