

Ukuran panjang basis kranial anterior (S-N) dan bidang horizontal frankfort (FHP) : kajian sefalometri lateral anak usia 11-16 tahun = The length of anterior cranial base (S-N) and Frankfort Horizontal Plane (FHP) : a study of lateral cephalometry in children aged 11-16 years old

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Abstrak

Skripsi ini melaporkan penelitian deskriptif potong lintang mengenai ukuran panjang basis kranila anterior (S-N) dan bidang horizontal Frankfort (FHP) anak usia 11-16 tahun melalui pengukuran linear 202 sefalogram lateral digital yang didapat dari sebuah laboratorium klinik di Jakarta. Hasil penelitian menunjukkan ukuran rerata panjang S-N anak usia 11-13 tahun laki-laki 62.32 ± 3.36 mm dan perempuan 60.86 ± 3.30 mm, sedangkan anak usia >13-16 tahun laki-laki 63.92 ± 3.04 mm dan perempuan 60.82 ± 3.01 mm. Ukuran rerata panjang FHP anak usia 11-13 tahun laki-laki 69.52 ± 4.86 mm dan perempuan 70.08 ± 4.56 mm, sedangkan anak usia >13-16 tahun laki-laki 72.51 ± 3.47 mm dan perempuan 69.21 ± 3.40 mm. Pertumbuhan S-N pada anak usia 11-16 tahun tampak stabil, sedangkan pertumbuhan FHP mengikuti teori percepatan pertumbuhan remaja.

.....This paper reports a cross-sectional descriptive research about the length of anterior cranial base (S-N) and Frankfort horizontal plane (FHP) in children aged 11-16 years old through linear measurement of 202 digital lateral cephalograms from a clinical laboratory in Jakarta. Results showed that the S-N average in children aged 11-13 years old for boys are 62.32 ± 3.36 mm and girls 60.86 ± 3.30 mm, while in >13-16 years old group, the boys' average was 63.92 ± 3.04 mm and girls' was 60.82 ± 3.01 mm. The FHP average in children aged 11-13 years old for boys was 69.52 ± 4.86 mm and girls 70.08 ± 4.56 mm, while in >13-16 years old group, the boys' average was 72.51 ± 3.47 mm and girls' was 69.21 ± 3.40 mm. The growth of S-N in children aged 11-16 years old is stable, while the growth of FHP follows the pubertal growth spurt theory.