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Mandibular Growth Changes and Maturation of Cervical Vertebrae

— A Longitudinal Cephalometric Study

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ABSTRACT

The relationship of cervical vertebral maturation and mandibular growth changes are assessed in annual lateral cephalometric radiographs of thirteen Caucasian females from 9 to 15 years of age. Statistically significant increases in mandibular length, corpus length and ramus height are associated with specific maturation stages in the cervical vertebrae.

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KEY WORDS: CERVICAL VERTEBRAE, GROWTH, SKELETAL AGE.