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The Angle Orthodontist: Vol. 59, No. 3, pp. 211–216.

A comparison of the accuracy of cephalometric landmark location between two screen/film combinations

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ABSTRACT

The introduction of faster screen/film combinations allows a reduction in radiation dose but at the expense of film quality. This study investigated the accuracy of landmark location on cephalometric radiographs made using two screen/film combinations. No significant differences in reproducibility of landmark location were found. There was a 20 percent difference in the radiation dose between the two film types studied.

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KEY WORDS: Cephalometry, Cephalometric landmarks, Intensifying screens.