

Orthopantomography as a Screening Method for Detection of Carotid Arteries Calcifications (Literature Review)

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Abstract

Orthopantomography (OPTG) is performed routinely as a diagnostic method for practically any dental disease. However, most dentists don't attach importance to the fact that this X-ray technique allows to visualize the changes not only of the facial bones of the skull, and also of the soft tissues of the neck, one of which are calcifications of the carotid arteries (CCA). CCA visualization shows the presence of the atherosclerosis of the arteries of the neck in this patient, which in turn is one of the main causes of cerebrovascular accident by ischemic type. All this confirms the fact that the assessment of OPTG as the screening method to identify the CCA is a promising direction, which in the future will might help to reduce the level of cardio- and cerebrovascular complications of atherosclerosis.

Key words: Carotid Arteries Calcifications, Orthopantomography, Screening Method.

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