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Cone-Beam Computed Tomography (CBCT) Imaging in Dentistry

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Message from the Guest Editors

Dear Colleagues,

Cone-beam computed tomography (CBCT) imaging can induce precise and clear three-dimensional (3D) images. Both diagnosis and treatment planning benefit from the use of CBCT images; enhanced planning and more confidence in diagnosing are a few of its advantages. CBCT is useful in all dentistry areas for dentomaxillofacial imaging: maxillofacial surgery, implantology, image-guided surgery, orthodontics, endodontics, periodontics, and prosthodontics, aiding in obtaining an accurate image. Obstructive sleep apnea can also benefit from CBCT imaging. Compared to other technologies such as conventional X-rays and medical CT scans, CBCT has many positive aspects, among which are image accuracy, short scan time, interactive display, image detail, and beam limitation.

This Special Issue's objective is to collect the most recent innovative dental sources into a cohesive body of evidence using current CBCT images in diagnosis and treatment planning, as a guide for potential innovative research in the future.

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