

The use of CBCT

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The aim of this investigation is to demonstrate the key differences and benefits between the use of Cone Beam Computerized Tomography (CBCT) and Conventional Tomography. The contemporary use of CBCT allows us to obtain the essential information to recreate orthognathic surgery with unprecedented precision, which is accomplished through the observation of movements across both hard and soft tissue. CBCT also favours the correct mapping of the buccal bone structure, which is present in the routine panoramic radiographic examination. We believe several specialities would greatly benefit from the use of CBCT such as: maxillofacial surgery, periodontics, orthodontics and oral pathologists. In summary, the key differences between CBCT and Conventional Tomography are; a decrease in artefacts, superior resolution the absences of image distortion-leading to a more précised diagnosis which validates the development of this method of complementary exploration.

Biography

Itziar Paz, born in North West of Spain in July of 1986, graduated in dentistry for European University of Madrid in 2009. She is currently working as a general dentist in the UK in National Health and Private service with special interest in Cosmetic and Restaurative dentistry, areas in which several courses has been taken.

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