

The use of CBCT

Cristina De La Torre

Universidad de Alfonso X el Sabio, Spain

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

Cristina De La Torre, born in Huelva, Spain, in October 1986. Finished the Dentistry degree in Universidad de Alfonso X el Sabio in Madrid and started working as an Orthodontist specialist in 2010. She has accomplished several courses in Cosmetic and Restorative dentistry and currently. She has enrolled in a Master in Orthodontics.

cgonzalez@clinicagoenechea.com