

US, India & Europe CBCT (Cone Beam CT) Industry: Dental Imaging Market Information Analysis to 2023

U.S., India & Europe CBCT (Cone Beam CT): Dental Imaging Market Information Analysis (Market Data, Trends) & Global Forecast to 2023

PUNE, INDIA, April 11, 2016 /EINPresswire.com/ -- This article provides an overview about the global [CBCT \(Cone Beam CT\)](#): Dental Imaging Market Information Analysis (Market Data, Trends) during the forecast period 2016-2023, there by offering insights on key present growth indicators and forecast indicators such as drivers, restrains, opportunities and trends, that are involved in shaping the market.

What is Cone Beam CT?

Cone Beam Computed Tomography is type of X-ray machine where facial x-rays and dental X-rays are not sufficient, but it is not advised to use regularly as the radiations which patients are exposed to be more than a normal X-ray. These CT scanners use special technology to get three dimensional (3-D) images of bones, nerve paths, dental structures and soft tissues in the craniofacial region in a single scan. By using Cone Beam CT images precise treatment planning can be done. To brief up it is basically it is a compact, faster and safer version of CT, with the help of the cone shaped X-ray beam radiation dosage, the size of the scanner and the time needed for the scan is gradually reduced, the time needed is approximately a minute and the radiation dosage is 100 times lesser than a regular CT.

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Advantages and plus points

A multidetector CT is large sized machines which are available in hospitals and major diagnostic scanning centres while Cone Beam Scanners are relatively smaller in size and are mostly available in all the clinics and at dedicated scanning centres.

How does it help a Physician or a Dentist?

It allows him/her to

- Analyse/Plan a treatment and an injury

- Prepare necessary aid
- Assess risks
- Visualize internal anatomy that can be diagnosed externally
- Analysing the orientation of critical structures teeth roots, nerves, previous implants

The Cone Beam CT scan is completely painless and the iCAT scanner from imaging Science Internationally is handicap Accessible.

Cone Beam CT: Market Driver

The major factors driving growth of Cone Beam CT market are:

- Technological advancement
- Increase in aging population which leads to growth in oral diseases
- Increase in oral care awareness
- Increase in disposable income
- Growth in cosmetic industries
- Emerging trend towards digital dental imaging

Increasing demand for implant dentistry, maxillofacial surgery, and orthodontics are playing key role in driving market for Cone Beam Technology. According to the study, Globally CBCT has recorded annual double digit growth rate and predicted to cross million revenue marks by the end of year 2019.

The restraints are:

- Price of equipment.
- Lack of reimbursement in developing countries
- Lack of laboratory technician.

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Cone Beam CT: Dental Imaging Market Segmentation

- For the purpose of this study, Market Research Future segmented the studies to technologies used, method used, types and applications.
- Dental Imaging by technologies comprises of: X-ray systems, Dental CBCT, Intraoral Cameras, and Dental Optical Imaging
- Dental Imaging by method comprises of: Extraoral Imaging and Intraoral Imaging
- Dental Imaging by types comprises of: Fan Beam CT, Spiral Beam CT and Cone Beam CT
- Dental Imaging by applications comprises of: Diagnostic applications, Therapeutic Applications, Cosmetic applications, and Forensic Applications.

Market Analysis:

Market Research future found that the growth in the CBCT segment is by far at its peak in sales in other dental segments and almost all other medical imaging devices. The number of Cone

Beam CT units being sold is expected to grow at a growth rate over 10% from 2016 to 2023, Cone Beam CT is replacing cephalometric and panoramic systems in all the emerging countries.

Market by, Region: North America (U.S., Canada, Mexico)

North America was leading in the market share of Cone Beam CT in 2014, this is primarily due to aesthetic dentistry and other vast specialised services in the US and Canada. In markets such as India and China involvement of Cone Beam CT is still low though there has been price reduction in recent years. In established markets like Italy and Japan the growth rate is considerably high.

The major market players in Cone Beam CT market are:

Danaher Corporation (U.S.), Carestream Health Inc.(Canada), Sirona Dental Systems, Inc. (U.S.), Planmeca Oy(Finland), DENTSPLY International, Inc. (U.S.) Midmark Corporation (U.S.), LED Medical Diagnostic, Inc. (U.S.), Vatech Co. Ltd. (Republic of Korea), The Yoshida Dental Mfg. Co., Ltd. (Japan) and Flow Dental Corporation (U.S.)

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