

CBCT Dental Imaging Market is expected to grow with a CAGR of 9.8% by 2023

U.S., India & Europe CBCT Dental Imaging Market Information, by Type of Detector (Flat Panel Detectors, Image Intensifier), by Application (Dental Implants, Endodontics, Orthodontics and others) by End Users (Hospitals & Dental clinics, Academic & Research Institutes and others) - Forecast to 2023

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Pune, India - April 20, 2017 /MarketMedia/ -- Market Highlights

Dental cone beam computed tomography (CT) is a special type of x-ray equipment used when regular dental or facial x-rays are not sufficient. The technology is used to produce three dimensional (3-D) images of the teeth, soft tissues, nerve pathways and bone in a single scan. The use of CBCT devices is on the rise due to the increasing number of dental specialty hospitals and laboratories in the Americas and Europe which led to the augmented adoption of CBCT in these regions. Companies like Danaher Corporation, Planmeca OY and Dentsply Sirona are the leading players in this market globally.

The dental CBCT market by detector type is segmented into flat panel detectors, and image intensifier. The image intensifiers are those device which are capable of detecting and amplifying low-light-level images such as weak emissions or reflected light for bringing them into view as sharp contrast images. The Flat Panel Detectors (FPDs) are the next generation digital X-ray technology. The FPD technology accounts the largest market share which is majorly attributed to factors such as; improved ergonomics with better patient access, less image degradation and increasing use of CBCT imaging in dentistry while the major challenge to this market is the lack of awareness for the use of advanced technologies by the healthcare providers in developing countries.

Major Key Players:

- o Carestream Health (US),
- o Dentsply Sirona (US),
- o FONA Dental, S.R.O.,
- o Gendex,
- o Imaging Sciences International, LLC (US),
- o J.MORITA MFG.CORP. (Japan),
- o KaVo Dental GmbH (Germany),
- o NewTom,
- o Planmeca OY,
- o Prexion (US),
- o Sinclair Dental/Dentaire (Canada),
- o SOREDEX (Finland),
- o Vatech Networks (Republic of Korea)

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Key Finding

- o The U.S., India & Europe CBCT dental imaging market and is expected to reach USD 565.3 million by 2023.
- o Regionally, U.S. holds the largest market share of U.S., India & Europe CBCT dental imaging

market and is expected to reach USD 280.9 million by 2023.

o India market is expected to be the fastest growing market, and expected to grow at a CAGR of 10.3% from 2016 to 2023

U.S., India & Europe CBCT Dental Imaging Market:

In the coming years, it is expected that the U.S., India & Europe CBCT Dental Imaging Market will advance with higher growth rate as compared to previous years. In the Americas, the market's growth is high as public-private dental schools are increasing. Approximately 80% are in private practice as a replacement for panoramic devices. In the US alone nearly 800 CBCT's are sold per year. The use of CBCT machines is rising at such a rate that it is expected that within three years this technology will replace over 50% of Digital Panoramic devices. There are many major players in this market which are competing to increase their market share in this market.

Taste the market data and market information presented through more than 50 market data tables and 40 figures spread over more than 93 numbers of pages of the project report. Avail the in-depth table of content TOC & market synopsis on "U.S., India & Europe CBCT Dental Imaging Market from 2011 to 2023"

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The Hottest Trend in the Market

Over the past few years in the field of dentistry, radiographic imaging has evolved from a conventional two-dimensional technique to a three-dimensional modality. CBCT has been referred to as the gold standard and standard of care for diagnostic maxillofacial imaging. There have been an increasing references in the dental literature towards the utility of cone beam computerized tomography (CBCT) in clinical dental practice.

The dental CBCT market by detector type is segmented into flat panel detectors, and image intensifier. The Flat Panel Detectors (FPDs) are the next generation digital X-ray technology. These detectors consists of amorphous silicon and solid state technology that produce digital imaging in radiography while the image intensifiers are those device which are capable of detecting and amplifying low-light-level images such as weak emissions or reflected light for bringing them into view as sharp contrast images. The use of image intensifiers is decreasing as they are losing image gain and their image quality is decreasing day by day while the Flat panel detectors exhibit very limited image degradation which has increased the use of FPD systems more in CBCT machines.

Regional Analysis:

U.S. is the largest market for CBCT Dental Imaging market. The U.S. market for CBCT dental imaging is expected to grow at a CAGR of 9.5% and is expected to reach at USD 280.9 Million by the end of the forecast period.

Europe is the second-largest market for CBCT dental imaging which is expected to grow at a CAGR of 10.0%. India region is expected to be fastest growing region in CBCT dental imaging market.

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