AFP Imaging Corporation receives FDA clearance to market NewTom™ VG Cone Beam Computed Tomography Scanner

The Next Generation i-CAT® Cone Beam 3-D scanner now available to dental professionals

The latest version of the Imaging Sciences i-CAT® boasts a sleek new redesign and enhanced features for faster and even more accurate treatment planning and surgical success

ELMSFORD, N.Y. – AFP Imaging Corporation announced on Oct. 4 that it received 510K clearance from the U.S. Food and Drug Administration (FDA) to market the company’s advanced NewTom™ VG Cone Beam Computed Tomography Scanner. This proprietary, dental imaging system provides the clinician with detailed 3-D, radiographic images of the teeth and jaws along with optimal patient comfort through flexible seating options. NewTom VG (“Verti-cal Generation”) patients can now sit, stand, or remain in their wheel chairs while being scanned. The unit’s smaller footprint makes it ideal for in-office examination procedures when space is limited in the operatory. The primary applications are for diagnosis and treatment planning for dental implants, orthodontic and oral surgery plus ear, nose and throat procedures.

The NextTom Cone Beam Computed Tomography Scanners are dedicated X-ray imaging devices that acquire the clinical image from a 360-degree, rotational X-ray sequence. The digitally reconstructed 3-D radiograph provides superior details of the den-to-maxillo-facial complex as well as for the field of maxillofacial surgery. The software can reconstruct any image from the examined anatomical volume, producing a display of three-dimensional images, from any point of view. It is estimated that the market for dental CBCT systems, worldwide, will be more than $600 million over the next few years.

NewTom VG makes use of the latest technology and proprietary software as AFP Imaging’s NewTom(TM) 5G that provides a horizontal support table to accommodate the needs of the elderly, infirm or trauma patients, as well as small children. AFP Imaging is the only Cone Beam Computed Tomography (CBCT) scanning supplier to currently provide both vertical and horizontal configurations. The products are manufactured by Quantitative Radiology (QR) Verona, Italy, a wholly owned subsidiary of AFP Imaging. For more than 10 years, QR has been a global CBCT leader and is the company’s research, development and manufacturing source for the proprietary NewTom technology.

David Vozick, Chairman of AFP Imaging, said, “The dental profession increasingly recognizes the value of three-dimensional imaging over historic two-dimensional analog X-ray films or digital radiographs. The NewTom VG, as well as the NewTom 5G, provides more accurate images to facilitate patient evaluations, treatment planning and clinical efficiency. We believe that three-dimensional radiography is becoming the standard of care in dentistry and other professions for diagnosis and treatment of these complex cases.”

Source: AFP Imaging Corporation

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The easy-to-use i-CAT® produces more thorough three-dimensional views of all oral and maxillofacial structures. Patients remain seated in an “open environment scan,” which increases comfort, and captures the natural orientation of anatomy. Once the data is captured, it’s transferred to a computer within minutes, and displayed on an intuitive 3-D mapping tool that allows doctors and technicians to easily format and select desired “slices” for immediate viewing.

The footprint of the in-office i-CAT® is just 17 square feet, and creates the 3-D images at a reduced cost to dentists and patients.

Imaging Sciences is recognized internationally by leading dentists and radiologists as one of the most innovative companies in the world. Learn more about Imaging Sciences’ cutting-edge technologies at www.ImagingSciences.com.

Source: Imaging Sciences