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## **KODAK 9000 3D System Introduced for Affordable, Easy-to-Use Three-Dimensional Imaging**

*Dual-Modality, Extraoral System Provides Both Panoramic and 3D Imaging Capabilities*

MILAN, 3 Oct. (International Expodental)—Carestream Health, Inc., the exclusive manufacturer of KODAK Dental Systems, today introduced the KODAK 9000 3D Extraoral Imaging System. The KODAK 9000 3D System enables dental professionals to obtain localized, high-resolution three-dimensional (3D) images, as well as panoramic examinations, at a very affordable price point—making the power and utility of 3D technology available to general practitioners and specialists alike.

This easy-to-use “two-in-one” solution is well suited for general practitioners seeking a more robust diagnostic tool, as well as endodontists, implantologists, and other specialists who routinely perform complex procedures. The system’s user-friendly design and intuitive software interface enable it to be easily implemented in a dental practice, with a footprint similar to a traditional panoramic unit.

### **The Power of 3D, Made Easy**

Three-dimensional digital imaging provides highly detailed pictures that show actual representations of the patient’s anatomy that can be viewed from any direction. Using this modality, anatomical depth and relationships between individual features can be precisely identified and measured for more accurate diagnoses and treatment. However, 3D imaging has typically been complex, expensive to implement, and often relegated to “high-end” procedures performed by specialists. Moreover, high doses of radiation were often associated with 3D imaging technology.

With the introduction of the KODAK 9000 3D System, 3D diagnoses are now available to not only specialists, but also general dental practitioners who are increasingly performing more complex procedures as part of their daily practices. The

system's localized field of view limits irradiation to the patient and shows an area of approximately two to three teeth in extraordinary detail, resulting in increased image accuracy and more detail per tooth. The voxel (VOLUME piXEL), which represents a quantity of 3D data similar to a pixel representation in 2D data, features an edge size (or minimum slice thickness) of 0.076mm—providing 3D images that are among the highest resolution in the industry.

### **Easy-to-Use 3D Imaging Means Better On-Site Care**

Having detailed, true-to-life 3D images helps dental professionals provide quicker and more accurate diagnoses, improved treatment strategies and better care. The added third dimension allows professionals to view and analyze complete root canal anatomies, take accurate root canal measurements, and easily conduct dental pathologies assessments. Calcifications, fractures, and the apex/sinus connection can be clearly viewed in great detail, and bone volume assessments needed for single site implant planning can easily be made—all without having to send the patient to another imaging facility.

“3D imaging has historically been useful for implantology, wisdom teeth removal, and impacted canines. While these applications remain applicable today, higher levels of detail and resolution—combined with reduced radiation exposure surfaces—will make 3D imaging more attractive in endodontics and cases involving canal complexity,” said Eric Bonnet, Ph.D., DDS. “This high degree of resolution is made possible with the new generation of systems such as the Kodak 9000 3D system.”

KODAK Dental Imaging Software, the imaging platform for all Kodak dental imaging systems, further enhances the system's ease of use. A new 3D module designed for the platform enables simple and efficient manipulation of 3D exams and measurements, providing easy access to all x-ray modalities and images.

For a complete list of features and benefits, please go to [www.my90003d.com](http://www.my90003d.com).

### **Availability and Pricing**

The KODAK 9000 3D System is now available in limited quantities for purchase in Europe. The system will be made available for purchase outside of Europe in 2008. For more information on pricing and availability in your country, please contact your local dealer and go to [www.my90003d.com](http://www.my90003d.com) for more information.

**About Carestream Health, Inc. and KODAK Dental Systems**

Carestream Health, Inc., is the exclusive maker of KODAK Dental Systems. KODAK Dental Imaging and Practice Management Systems help dental professionals streamline workflow and enhance patient care by enabling them to capture, share, and use images and information easily and effectively.

In May 2007, Onex Corp. purchased Eastman Kodak Company's Health Group and renamed it Carestream Health. With revenues of more than \$2.5 billion, Carestream Health is a leading provider of dental and medical imaging systems and IT solutions.

For more information, contact your Carestream Health representative or visit [www.kodakdental.com](http://www.kodakdental.com).

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