



Imaging Sciences International, Inc.

1910 North Penn Road
Hatfield, PA 19440
www.imagingsciences.com

Sales: 800-205-3570
Phone: 215-997-5666
Fax: 215-997-5667

FOR IMMEDIATE RELEASE

Imaging Sciences' i-CAT™ Now Compatible With DenX's Image Guided Implant Surgery System

Dental Specialists using DenX's image-guided surgical solution now have access to lower cost, less radiation, and higher quality 3-D scans

Hatfield, Pa.—June 13, 2005—Imaging Sciences International Inc., a global leader in the development and manufacturing of advanced dental and maxillofacial radiography products, today announced that its i-CAT™ advanced 3-D imaging technology is now compatible with DenX's Image Guided Implant (IGI) system. Now specialists performing implant surgeries with DenX's IGI system can use Imaging Science's i-CAT™ data to create the most complete and accurate treatment plans for image guided surgeries.

The i-CAT™'s state-of-the-art images are digitally transferred to DenX's IGI software using industry-standard DICOM 3 format. In fact, Imaging Sciences' strong support of the DICOM 3 standard allows the i-CAT™ to integrate with virtually all leading implant planning and procedure software. The i-CAT™'s widespread compatibility is one reason why it has become the industry's most popular in-office 3-D scanner—along with its size, cost, and ability to provide nearly instantaneous high-quality, low-radiation images.

“The in-office convenience of i-CAT™ allows dental specialists to maximize their investment in DenX’s IGI system,” says Edward Marandola, Vice President and General Manager of Imaging Sciences. “i-CAT™ is smaller, less costly, and uses a lower radiation dose compared to other CT systems. It’s simply the most advanced imaging technology, and delivers the best value, for dental specialists who want to provide their patients with in-office treatment planning.”

DenX’s IGI system pairs infrared tracking with advanced imaging to replace traditional physical drill guides and stents, which may be challenging to adjust in-procedure. First, DenX’s IGI downloads CT scans, such as those created by Imaging Sciences’ i-CAT™, and displays a virtual image of a patient’s oral structures. The software also tracks all the instruments necessary for the implant surgery, so the surgeon can perform procedures by using the 3-D virtual image to precisely determine drill depth and implant position, avoid nerve canals, and make adjustments to the treatment plan in real time.

“Putting together Imaging Sciences’ incredibly detailed three dimensional images with DenX’s IGI computer-assisted surgical guidance system lets me perform dental implant procedures that used to be impossible,” says Dr. Dana Alan Carlton, DDS, MS, Westlake Village, Calif., a Periodontal Surgeon, and the first to use Imaging Sciences’ i-CAT™ with DenX’s IGI. “The imaging information is so precise, I can confidently and safely place my Straumann implants within a millimeter or two away from nerves, blood vessels, and other critical structures—not possible with any other technique. I can also easily prepare ITI implant guides for patients with unstable dentures, and reduce the necessity for additional procedures of bone grafting or nerve repositioning. I’m now able

to perform many more procedures which are easier for the patients and have a higher success rate. The combination of these two technologies provides a quantum leap in the quality of patient care in the area of dental implant and related surgical treatments. This solution provides the model for the next generation of surgical care in the dental profession.”

Imaging Sciences’ i-CAT™ is a Cone Beam 3-D Imaging System that provides the most complete 3-D information on the anatomy of a patient’s mouth, face, and jaw areas, at reduced cost and with considerably less radiation than traditional Fan Beam Computed Tomography systems. Its unparalleled images let doctors accurately prepare for oral and maxillofacial procedures such as implants; bone reconstruction and grafting; TMJ evaluation; and treatments for impacted teeth, trauma, and pathology. Through a quick, comfortable, ‘open environment scan’, the i-CAT™ captures and transfers images of a patient’s anatomy to a computer in just minutes. The images are then displayed on an intuitive 3-D mapping tool that allows clinicians to format and select ‘slices’ for viewing.

“Imaging Sciences’ i-CAT™ is revolutionizing the implant industry, by providing more affordable and more accurate 3-D images within the convenience of a dentist’s office,” says Chris Klamet, Chief Operating Officer of DenX. “And we’re excited that doctors are using the i-CAT™ in conjunction with our IGI system. The combination is taking implant procedures to new levels of accuracy and success. With an i-CAT™ located in their office, specialists don’t have to send patients away for quality 3-D scans, and they have all the tools and information for an implant procedure at their fingertips.”

ABOUT DENX

Founded in 1994, DenX Ltd. develops and markets the world's most advanced image-guided technology for dental training and clinical implementation. DenX's exclusive 3-D graphics and real-time image processing are used by leading dental institutions in the United States, Europe and Asia for maximum precision and effectiveness. Backed by a group of highly respected international investors, DenX is the first company to apply image-guided surgery techniques specifically to the dental field. DenX develops and manufactures both the hardware and software components of its product line. An interdisciplinary team of professionals that includes dentists, computer hardware and software engineers and ergonomic designers is creating solutions using DenX-developed core technologies as well as already existing medical imaging techniques.

ABOUT IMAGING SCIENCES INTERNATIONAL, INC.

Serving the dental industry since 1992, Imaging Sciences International is a global leader in the development and manufacturing of the most advanced computer controlled dental and maxillofacial radiography products in the world. The company's marquee products provide dentists and other health care professionals with on-site, state-of-the-art imaging that extends quality of care and provides more predictable treatment outcomes. The Panorex CMT provides state-of-the-art panoramic imaging, as well as complex motion tomography for implant and TM Joint imaging; and the i-CAT™ cone beam three-dimensional dental imaging system offers 3D imaging technology at a significantly lower cost and less radiation than traditional CT scans.

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.

Press contact:

Alicia Buonanno
Gregory FCA Communications
27 West Athens Avenue
Ardmore, Pa. 19003
610-642-8253
Alicia@Gregoryfca.com

Company contact:

Ed Marandola
Imaging Sciences International
1910 North Penn Road
Hatfield, Pa. 19440
215-997-5666
EDM@ImagingSciences.com

Company contact:

Christopher G. Klamet
DenX
407 Lincoln Road
Suite 11K
Miami Beach, FL 33139
ChrisKlamet@denx.com