



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

Local Doctor is World's First to use Imaging Sciences' i-CAT™ 3-D Scanner for Image Guided Implant Surgeries

Dr. Dana Alan Carlton is enhancing patient care by using 3-dimensional X-Rays and a computer to guide implant placement

Westlake Village, Calif.—September 19, 2005—Imaging Sciences International today announced that nationally respected periodontal surgeon Dr. Dana Alan Carlton, DDS, MS, is the world's first doctor to use Imaging Sciences' i-CAT™ 3-D imaging technology in combination with DenX's Image Guided Implant (IGI) system. Dr. Carlton relies on the i-CAT™ for a variety of oral, maxillofacial, and periodontal procedures and treatments. The i-CAT™ gives dentists and specialists the most complete information on the anatomy of a patient's mouth, face, and jaw areas, leading to the most accurate treatments and predictable outcomes for surgical procedures.

By combining the i-CAT™'s advanced 3-D imaging with DenX's IGI technology, Dr. Carlton can more accurately prepare for, and more confidently perform, dental implant surgeries. First, Dr. Carlton uses DenX's IGI software to download and display a 3-D virtual image of a patient's oral structures created by the i-CAT™. Then, the DenX software tracks the exact angle and location of Dr. Carlton's surgical instruments inside the patients' mouth, enabling him to precisely determine drill depth and implant position, avoid nerve canals, and make adjustments to the treatment plan in real time by consulting the 3-D image on his computer monitor.

Dr. Carlton has one of the premier dental implant and periodontal practices in the United States. Thanks to the i-CAT™'s ability to create detailed images in seconds without having to send patients to outside imaging centers, Dr. Carlton has been able to increase the number of implant procedures performed. Dr. Carlton also uses the i-CAT™ to prepare for oral and maxillofacial procedures such as bone reconstruction and grafting; TMJ evaluation; and treatments for impacted teeth, trauma, and pathologies including periodontal disease, cysts, and tumors.

“The i-CAT™'s three-dimensional images let me see anatomical structures of the mouth, jaw, and sinus areas with a level of detail and accuracy that was never before possible,” Dr. Carlton says. “The i-CAT™ has dramatically advanced how I prepare and perform implants and other oral procedures, and lets me share a visual diagnosis with patients so they can better understand their treatment options. The i-CAT™ has quickly become one of my most trusted tools for periodontal and implant treatments and procedures.”

Dr. Carlton is known for pioneering new dental technologies. He consults for many corporations and sits on a number of national advisory boards for healthcare and related technology companies. In addition to being first to combine Imaging Science's i-CAT™ with DenX's IGI, Dr. Carlton was first to network operating microscopes and imaging software using Macintosh computers for dental surgical procedures. He was the first researcher in the world to use electron captured gas liquid chromatography to analyze plaque in periodontal diseases. He has contributed to the design of dental and non-dental software programs, as well as the design of surgical instruments and implant related devices. He also designed and built the world's first mobile surgical training center for operating microscopes.

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 or Multi-Slice Scanners. 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. The i-CAT™ requires less than 60 square feet of office space, and uses industry standard DICOM 3 formatting for compatibility with virtually all leading implant planning and procedure software, including DenX's IGI.

"Doctors and specialists all over the world are advancing patient care, comfort, and convenience with the i-CAT™'s high-quality scans," says Ed Marandola, President and CEO of Imaging Sciences. "Dr. Carlton's use of the i-CAT™ to prepare for leading-edge dental implant technology and other oral treatments is yet another example of the machine's growing popularity. Imaging Sciences is proud to provide dental specialists the imaging technology necessary to treat their patients with unprecedented speed, accuracy, and success."

For more information on Dr. Dana Alan Carlton's practice, please call Dr. Carlton at 805-373-6665. All media inquiries please contact Alicia Buonanno at 610-642-8253, or Alicia@GregoryFCA.com.

ABOUT DR. DANA ALAN CARLTON'S PRACTICE

Dr. Dana Alan Carlton, DDS, MS, has been practicing dentistry in Westlake Village, California, since 1980. Dr. Carlton graduated from top-ranked school of dentistry, University of North Carolina, Chapel Hill, in 1976. He went on to pursue a specialty degree in periodontal surgery at UCLA and obtained a Master's Degree in Oral Biology also at UCLA. Dr. Carlton conducted

extensive research in oral microbiology for 4 years and has been involved in integrating technology into healthcare for over 15 years. As a leader in technology, he has become a well known and respected lecturer both nationally and internationally. Dr. Carlton's practice specializes in all types of periodontal surgery and dental implants. Using microsurgical techniques, Dr. Carlton rebuilds damaged bone and receding gum tissue as well as performs non-surgical preventive care.

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:

Dr. Dana Alan Carlton
47 North Duesenberg Drive, #101
Westlake Village, Calif. 91362
805-373-6665

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