

Imaging3, Inc.'s Creates Safer and More Efficient Alternative to Standard CT Scan

According to the manufacturer Imaging3, Inc, their newest product, the Dominion Volumetric Imaging Scanner or DVIS, utilizes between 100 to 1000 times less radiation than a standard CT scan. This is a major announcement in light of the new findings regarding emitted radiation in CT scans.

According to a recent study published in the New England Journal of Medicine, in 2006, about 62 million CT scans were administered in the United States compared to the 3 million scans that were administered to the American population in 1980. More alarming, as many as two percent of all cancers in the United States may be due to radiation from CT scans given now.

CT scans are popular within the medical community because they offer a quick, painless way to visualize 3D pictures in a two-dimensional plane, but as the researchers concluded, CT scans are being offered too readily to patients with little concern for the problems of radiation. The report's author Hall stated in a press conference, "We were astonished to find, when we were researching materials for this paper, how many doctors, particularly emergency room physicians, really had no idea of the magnitude of the doses or the potential risks that were involved." A CT scan can have radiation doses 50 to 250 times greater than the dose of a conventional x-ray according to the report.

In response to the growing concern over the dosage of radiation emitted from CT scans, companies such as Imaging3 have utilized the latest fluoroscopy technology to emit a much reduced dosage of radiation and produce a more accurate image. In fact, the image is more accurate than the standard CT scanners because the reading is three dimensional and constructed in real time.

According to Dean Janes of Imaging3, Inc. CT scanners have been increasing in dose as they continue to acquire more and more imagery to better create 3D imagery and diagnostic images. He states, "Currently with the latest models these devices are purported, as in the article in USA Today, to expose the patient to over 3,000 mrem, which is close to what survivors of Hiroshima were exposed to roughly one mile away from the atomic bomb. Our device uses high speed photo fluoroscopy which uses roughly between 100 to 1000 times less radiation to perform the same 3D imagery as well as CT slice data. Our device is currently awaiting FDA approval and it is a patented, one of a kind, breakthrough technology."

The Dominion Volumetric Imaging Scanner's™, production prototype was recently introduced at the RSNA, Radiological Society of North America, Scientific Exhibit -- held annually in Chicago. The device was well received by over 70,000 physicians in attendance from all over the world.

About Imaging3:

Imaging3, Inc. (IMGG), a long-standing medical device manufacturer, distributor and third-party service provider, has developed and patented a breakthrough technology, known as the Dominion Volumetric Imaging Scanner™, which utilizes high-resolution photo-fluoroscopy to produce three-dimensional medical diagnostic images in real-time. Because these

3D images are instantly constructed in real-time, they can be used for any current or new medical procedures in which multiple frames of reference are required to perform medical procedures on or in the human body. Imaging3's patented breakthrough technology, the Dominion Volumetric Imaging Scanner™, stands to benefit a multitude of medical sectors, including trauma, cardiology, pain management, pediatrics, orthopedics, sports medicine, vascular, and neuro-vascular. The Dominion Volumetric Imaging Scanner's™, 3D, real-time imaging capabilities will allow surgeons to complete less invasive and more precise procedures. This ability is valuable to the patient, the surgical team, the facility, and the insurer.

For more information about Imaging3 and for photographs of the Dominion Volumetric Imaging Scanner please visit:
www.imaging3.com

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