

Breakthrough in Medical Imaging May Be Only a Fingertip Away

Former Soviet scientists publish findings on technique for capturing internal images using a person's fingertips. The high accuracy and cost-effectiveness of this technology may revolutionize medical imaging.

COLUMBUS, OH – September 23 (SEND2PRESS NEWSWIRE) – PHIS, Inc. announced today that two peer-reviewed international journals, *Kybernetes* and *Functional Diagnostics*, published articles that may signal the beginning of a new era in medical imaging. According to an accompanying commentary by A. J. Tchizhov, M.D., "I am firmly convinced that most departments of functional diagnostics will widely use such methods of non-invasive diagnostics in the near future."



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discoveries announced in the two papers ("Secondary holodiffractive radiation of biological systems" in *Kybernetes*, Vol. 5, 2005 and "Integrative functional system of living systems" in *Functional Diagnostics*, Vol. 1, 2005) were made by Marina Shaduri, Ph.D., founder of the Bioholography Center and senior researcher at the Institute of Molecular Biology and Biological Physics of the Georgian Academy of Sciences. Shaduri, along with her late partner Dr. George Tshitshinadze, proved it is possible to acquire diagnostic-quality visual information about a living organism's structure and disease processes via painless body surface assessments.

They claim that living organisms function like a dynamic three-dimensional

hologram – called a “biohologram.” Over eight thousand patients have been diagnosed using the patented method called BE0-Tomography. Subsequent verification was performed in four thousand cases, demonstrating the method’s high sensitivity, particularly, in detecting cancer (greater than 85 % accuracy). BE0-Tomography’s non-invasive and benign nature makes it a safe diagnostic alternative for adults, children, and animals.

With this technology, pathologic areas are displayed on a larger scale while the normally functioning organs are not as readily discernable on the fingertips’ coronas. This unique feature of living systems enables the acquisition of precise images of extremely small tumors, e.g., 2 mm in diameter, with high resolution. The development of more sophisticated devices and software will improve the quality of visualization, thus providing replicas of microscopic structures and detection of infectious diseases.

An Ohio researcher and nurse, M. Sue Benford, decided to test the equipment and methodology and brought Shaduri to the United States in July 2004. Benford, president of Public Health Information Services, Inc., was recovering from a broken pinky finger at the time of Shaduri’s visit. Remarkably, her fingertip images revealed the injured finger. “It’s not only amazing what this simple device can do but even more amazing what the implications are. Does this prove that living organisms actually have an energetic body that contains holographic-quality information about us?”

Current hurdles still exist in the widespread usage of this new technology for the early detection of disease. The main obstacle is the creation of a user-friendly capture device and software to automate the main stages of processing including the analysis of images acquired from patients’ fingertips and/or animal paws.

For more information visit www.bioholography.org.

**(Photo caption: Bioholographic image of Benford’s injured finger.)*

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