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FOR IMMEDIATE RELEASE

## **Pennsylvania Department of Health Chooses Logical Images' VisualDx to Aid in Bioterrorism Preparedness in 45 Hospitals Throughout the State**

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### **Image-Based Disease Identification System Now on Frontlines of Commonwealth's Bioterrorism Defense and Infectious Disease Response Capabilities**

**Rochester, NY—December 7, 2005**—Logical Images, a developer of software that helps clinicians make faster and more accurate diagnoses of visually identifiable conditions, today announced the rollout of VisualDx to 45 major hospitals throughout the commonwealth.

VisualDx is an image-based diagnostic tool that allows doctors and first responders to quickly and accurately identify health threats with which they may be unfamiliar. The system will be used in these locations to aid in the early detection of bioterrorism, chemical warfare, radiation, outbreaks due to infectious diseases, and other public health emergencies. In addition, the system helps clinicians make quick, accurate diagnoses when faced with patients exhibiting fever and rash, a variation of a common skin condition, a potential drug eruption, or any other common or unusual visual presentation. Major cities throughout Pennsylvania have installed the system in multiple locations, specifically, six hospitals in Pittsburgh, five hospitals in Philadelphia and two hospitals in Scranton. In rural areas throughout the state, the system will help bring specialist-level knowledge to primary care providers, improving quality of care for patients who might otherwise have to wait weeks and/or travel great distances to see a specialist.

Logical Images' VisualDx is an easy-to-use, image-based, disease identification software program with over 10,000 medical photographs of nearly 600 diseases. After physicians enter basic observations about their patient – such as lesion type, distribution, symptoms, signs, and medical history—the system instantly returns photographs of diseases and clinical information, sorted by relevance to the patient. This makes the software extraordinarily powerful, as it assists doctors and first responders in

quickly and accurately diagnosing illnesses that may be outside his or her realm of experience or training.

VisualDx software is widely used in hospitals, clinics and public health locations, both for everyday clinical use and to help meet CDC goals for bioterrorism preparedness. The U.S. Army, major hospitals and public health clinics throughout New York City, Washington, D.C. and the state of Mississippi are all utilizing the system. The State of Delaware Department of Health implemented the system statewide and New York State deployed the software to its eight Regional Resource Centers to assist in preparedness and training. In addition, numerous County Health Departments, hospitals and clinics use the VisualDx system in the United States and worldwide.

“Even the most astute clinician will have difficulty diagnosing a disease they have never seen before. One of the lessons of the unfortunate anthrax events of 2001 was the need to better prepare doctors for identifying very rare disorders,” said Art Papier, MD, founder and chief scientific officer of Logical Images. “In deploying VisualDx, the Pennsylvania Department of Health is using federal preparedness funds for a comprehensive solution providing an immediate visual diagnostic aid for bioterrorism-related emergencies as well as for everyday applications. The Pennsylvania Department of Health has paid attention to the details and is focused on healthcare preparedness.”

VisualDx is based on the world’s largest digital library of medical images—over one million images from leading research institutions, such as New York University, the University of California Los Angeles and the University of Rochester, as well as private collections from physician experts around the world. These images encompass a full spectrum of skin types and capture a wide range of variation in the presentation of each disease. The photographs and clinical content are networked by nearly twenty thousand relationships to facilitate access to the images and text by entering known and observable facts and without having to know the name of the disease.

### **About Logical Images**

Based in Rochester, NY, Logical Images develops products to speed visual recognition and clinical decision making. It is a company of digital imaging experts, leaders in computer-based design and knowledge management, skilled image archivists, and practicing physicians. The company’s comprehensive library of digital medical photographs and easy-to-use software created by international experts helps clinicians in critical jobs make better decisions. [www.logicalimages.com](http://www.logicalimages.com)

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