

## INFINITT Healthcare and Virtual Phantoms, Inc Announce Partnership to Add Organ Dose Data to DoseM Radiation Dose Monitoring Software

(25<sup>th</sup> July 2017) — **INFINITT Healthcare**, of Seoul, Republic of Korea (South Korea), and **Virtual Phantoms, Inc** of Albany, NY USA announced today that they have entered into a partnership to bring the **VirtualDose™CT** organ dose tool to the INFINITT radiation dose monitoring solution, **DoseM**. With this partnership, INFINITT further enhances their software solution for collecting and managing dose data and improving patient safety.



**INFINITT**  
Healthcare

**DoseM**

### Patient safety in medical imaging is a priority

INFINITT DoseM is a web-based radiation dose management system, which automatically extracts, stores, and manages dose information from radiation devices and can be interfaced with hospital information systems (e.g., HIS, EMR, PACS, etc) to make dose information accessible as part of the patient record. INFINITT DoseM can also automatically collect dose information and manage doses efficiently by using Diagnostic Reference Levels(DRL) information.

Dose tracking has become a high priority in medical imaging as mandates for the capture and analysis of patients' exposure to ionizing radiation expand. By adding patient organ dose to a tool that enables capture and archiving of dose data from multiple modalities and a variety of vendors, the data necessary for a realistic estimate of cumulative risk from ionizing radiation exposure is finally available.



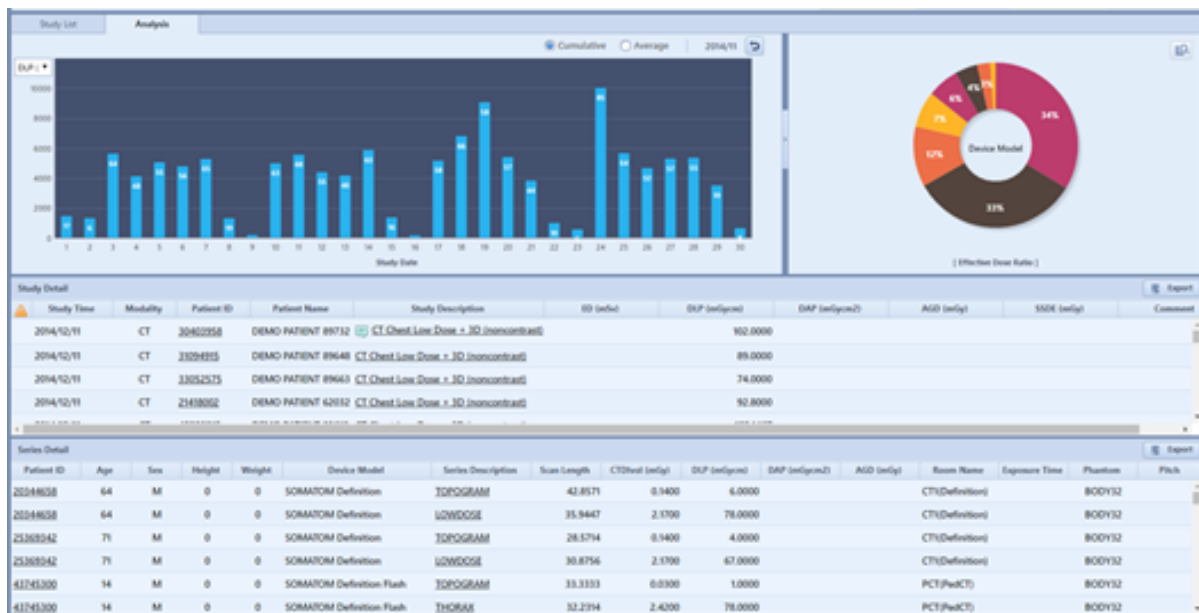
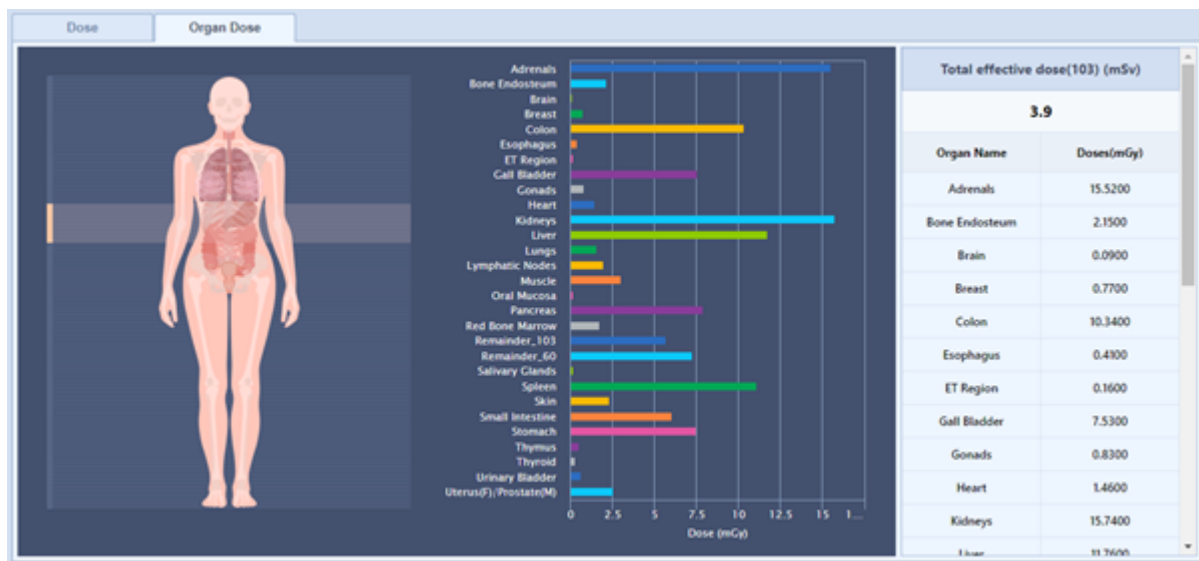
**VIRTUAL  
PHANTOMS, INC.**

**VirtualDose™CT**  
A product of Virtual Phantoms, Inc.

### Advanced models are used for organ dose simulations

This agreement makes the **Virtual Patient technology**, a well-tested family of anatomically correct phantoms, advanced GPU-based Monte Carlo simulation, and innovative SaaS programming techniques, available to INFINITT customers. It enables users to accurately compute doses to radiosensitive organs for a broad range of the patient population, including those outside the "average" body size, and pediatric patients from newborn through adolescence. The VirtualDoseCT calculation engine integrates seamlessly with the DoseM software, providing improved information without extra effort on the part of the user.

*"We are very happy INFINITT Healthcare has selected the VirtualDose technology to provide organ dose data and improve patient safety and information. With this, our first partnership with an Asia-based company, we are growing the global impact of VirtualDoseCT"* said Dr. George Xu, founder and CEO of Virtual Phantoms, Inc.



Sample display screens from the INFINITT DoseM software

## ABOUT INFINITT Healthcare

INFINITT Healthcare is a global provider of medical imaging and information systems. Being founded in 2002 and listed on Kosdaq in 2010, the company is driving the advancement of healthcare IT by delivering its award-winning products and services to 5,200+ healthcare institutions in more than 51 countries through its global business units and distributors.

In the United States, INFINITT Healthcare products are distributed through INFINITT North America, a wholly-owned subsidiary of INFINITT Healthcare. INFINITT's enterprise imaging solutions include RIS, PACS, Cardiology Suite, Mammography PACS, Dental PACS and 3D/Advanced Visualization software, all operating on a unified platform. INFINITT PACS has been a category leader in **Best in KLAS Awards: Software and Services** eight times since 2009: 2009-2012 in the Community Hospital category, 2013 in the Ambulatory category, 2015/2016 in both Community and Ambulatory categories, and in the Community Hospital category again in 2017.

For more information, call 877-387-6960 or visit [www.infinittna.com](http://www.infinittna.com).

### **About VPI**

Virtual Phantoms, Inc. was founded in 2009 by faculty members from Rensselaer Polytechnic Institute, in collaboration with the University of Florida, with an exclusive license of the "Virtual Patient" technologies developed from nearly 20 years of research at RPI and UF in the field of nuclear and radiological engineering. Combining a large collection of anatomically accurate models of patients of various ages and sizes and sophisticated "Monte Carlo" simulation methods originally developed for nuclear weapons research at Los Alamos in the 1940s, VPI is recognized as a world leader in the modeling of ionizing radiation, radiation safety, and medical/occupational radiation dosimetry. For more information about Virtual Phantoms or VirtualDose™ CT, visit [www.virtualphantoms.com](http://www.virtualphantoms.com) or call or email Peter Caracappa, VPI Chief Technology Officer; +1 518-421-6931, [peter.caracappa@virtualphantoms.com](mailto:peter.caracappa@virtualphantoms.com).

#### **Virtual Phantoms, Inc.**

1425 Central Ave. PO Box 5681

Albany, New York 12205-5681

**+1 (518) 288-8048**

Web: [www.virtualphantoms.com](http://www.virtualphantoms.com)

Email: [info@virtualphantoms.com](mailto:info@virtualphantoms.com)