

Healthcare Sector Imaging & Therapy Systems Division

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RSNA 2011

Over 600 images submitted from 43 countries on all continents for the second International CT Image Contest: Siemens announces the winners

At the start of this year's congress of the Radiological Society of North America (RSNA), Siemens Healthcare announced the winners of the "International CT Image Contest 2011". More than 160 institutes and hospitals from 43 countries on all continents had submitted over 600 images, captured on Siemens CT scanners using the lowest possible radiation dose. The seven winners, selected by an international jury of experts, hail from China, England, France, Ireland, Macau, Singapore and the USA. As well as exhibiting a high quality standard, the images are impressive examples of how valuable diagnostic information can be obtained even at an extremely low dose. The winning images will be on display at the RSNA 2011 in Chicago.

Spurred on by the extraordinary success of the first competition for computed tomography (CT) images in 2010, Siemens had announced the "International CT Image Contest 2011". Customers using a CT scanner from the Somatom Definition family or a Somatom Emotion, Somatom Sensation or Somatom Spirit had the opportunity to present an international jury of recognized experts with clinical images in seven medical categories.

"For our first contest, the jury received around 300 clinical images from over 30 countries. We're delighted to have received more than twice as many submissions the second time around - a clear indication that dose reduction is a key issue for our customers on all continents around the world," says Peter Seitz, Vice President Marketing CT, Siemens Healthcare, on awarding the prizes to the winners at the RSNA 2011.

The winners of the International CT Image Contest 2011 are:

Category	Findings	Scanner type	Submitted by	Institute
Cardiac	Tetralogy of Fallots	SOMATOM Definition	Carolyn Young, RT	Great Ormond Street Hospital for Children NHS Trust, England
Routine	Small intestinal stromal tumor	SOMATOM Sensation	Guo-qing Yang, MD	People's Hospital of Suining, China
Vascular	Aortic coarctation	SOMATOM Definition AS	Liz D'Arcy, RT	Wexford General Hospital, Ireland
Dual Energy	Post EVAR DE CT aortogram	SOMATOM Definition Flash	Teh Hui Seong, MD Trishna Sumer Shikhare, MD	Khoo Teck Puat Hospital, Singapore
Trauma	Ankle screw	SOMATOM Definition AS	Wen Chao Bai, MD	Macao University Hospital, Macao
Neuro	Headface arrow	SOMATOM Definition AS	Robert Kufchak, RT	Women's and Children Hospital of Buffalo, USA
Pediatrics	Aorta aneurism	SOMATOM Definition Flash	Jean-Francois Paul, MD	Centre Chirurgical Marie Lannelongue, France

The members of the jury were Professor Stephan Achenbach from Giessen-Marburg University (Germany), Professor Dominik Fleischmann from the Stanford University Medical Center (USA), Professor Elliot K. Fishman from the Johns Hopkins Hospital (USA), Professor Yutaka Imai from the Tokai University School of Medicine (Japan), Professor Zengyu Jin from the Peking Union Medical College (China), Professor Borut Marincek from the University Hospital's Case Medical Center in Cleveland (USA), Professor Maximilian Reiser from the Ludwig-Maximilians-Universität in Munich (Germany), and Professor Uwe Joseph Schoepf from the Medical University of South Carolina (USA).

For the duration of the contest, between March and September 2011, a fan community comprising more than 4000 members discussed the submitted images on Facebook. In addition, all internet users could vote for their favorite picture in a public vote. The internet page devoted to the contest received 40 000 hits within eight months. The aim was to raise public awareness of the responsibility that manufacturers and radiologists have in relation to diagnostic radiation. More information on the International CT Image Contest including all clinical details and respective protocols are available at www.siemens.com/image-contest.

The clinical images can be downloaded as press pictures for editorial purposes at <http://www.siemens.com/med-pictures/Second-CT-Image-Contest>

The products/features mentioned here are not commercially available in all countries. Due to regulatory reasons the future availability in any country cannot be guaranteed. Further details are available from the local Siemens organizations.

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