

### Healthcare Sector Imaging & Therapy Systems Division

#### **Siemens Announces Winners of International CT Image Contest**

Second annual low-dose image competition nets over 600 customer submissions from 43 countries

Malvern, Pa., December 5, 2011 – Siemens Healthcare announced the winners of its 2011 International CT Image Contest at the 97<sup>th</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America (RSNA), November 27 to December 2 in Chicago. More than 160 institutes and hospitals from 43 countries on all continents submitted over 600 computed tomography (CT) images – all captured on Siemens CT scanners using the lowest possible radiation dose. Selected by an international jury of experts, the seven winners – which were displayed at RSNA '11 – hail from China, England, France, Ireland, Macau, Singapore and the U.S. In addition to exhibiting a high standard of quality, the images are impressive examples of how valuable diagnostic information can be obtained even at an extremely low dose.

For this second annual contest, Siemens customers with a SOMATOM Definition, SOMATOM Emotion, SOMATOM Sensation or SOMATOM Spirit CT scanner were invited to present clinical images in seven medical categories to an international jury of recognized experts.

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 (N.Y.)
Pediatrics	Aorta aneurism	SOMATOM Definition Flash	Jean-Francois Paul, MD	Centre Chirurgial Marie Lannelongue, France

From March through September, a fan community of more than 4,000 members discussed the submitted CT images on Facebook. Additionally, all Internet users could vote for their favorite image in a public vote. In eight months, the contest's Internet page received 40,000 hits, raising public awareness of the responsibility that manufacturers and radiologists have regarding

diagnostic radiation. For more information on Siemens' International CT Image Contest – including clinical details and respective protocols – visit [www.siemens.com/image-contest](http://www.siemens.com/image-contest).

The clinical images can be downloaded at [www.siemens.com/med-pictures/Second-CT-Image-Contest](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.

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics, medical information technology and hearing aids. Siemens offers its customers products and solutions for the entire range of patient care from a single source – from prevention and early detection to diagnosis, and on to treatment and aftercare. By optimizing clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 51,000 employees worldwide and operates around the world. In fiscal year 2011 (to September 30), the Sector posted revenue of 12.5 billion euros and profit of around 1.3 billion euros. For further information please visit: [www.siemens.com/healthcare](http://www.siemens.com/healthcare).