

### **East Yorkshire charity secures funds to order Biograph mCT**

**Siemens' hybrid CT with HD•PET ordered by Daisy Appeal for Hull and East Yorkshire Hospitals NHS Trust's Medical Research Centre**

The Daisy Appeal, a local charity that aims to improve treatment and research opportunities in cancer and heart disease for the people in the Hull and East Yorkshire region, has helped to secure funds for the purchase of a Biograph™ mCT from Siemens Healthcare. It will be installed along with a cyclotron into the purpose built Medical Research Centre at Castle Hill Hospital, part of Hull and East Yorkshire Hospitals NHS Trust, and aims to be operational by spring 2013.

The mCT hybrid combines cutting-edge CT technology with HD•PET to provide a new depth of information and will assist the Medical Research Centre with earlier patient diagnosis and greater accuracy in treating cancer, heart disease and neurological diseases including dementia.

The system was chosen by the Daisy Appeal following the canvassing of other healthcare units and radiologists, which revealed a general consensus that the Biograph mCT addressed the needs of the unit. It is hoped the system will help address one of the key drivers of the Daisy Appeal: to exploit the potential for PET-CT in research on both scientific and clinical areas. Funds to acquire and house the system came via donations as part of the charity's plans to improve healthcare research and development in the region.

The Biograph mCT offers a new level of integrated imaging for healthcare organisations through the incorporation of an advanced high definition PET platform and Adaptive Spiral CT technology, allowing whole body PET-CT scans to be completed in five minutes. The Medical Research Centre will get

access to exceptional image quality with HD-PET and ultraHD-PET providing significant improvements in signal-to-noise ratio.

“Thanks to invigorated fund raising in the local area we are now in a position to sign a contract with Siemens Healthcare and begin the exciting steps in taking delivery of the Biograph mCT system for go-live in early 2013,” explained Nick Stafford, Founder and Chairman of the Trustees at the Daisy Appeal and Professor of Otolaryngology & Head and Neck Surgery, at Hull and East Yorkshire Hospitals NHS Trust. “Once the system is operational, we aim to improve research and development in oncology in the first instance and eventually extend this to cardiac and neurology research.”

“The Biograph mCT is an exciting hybrid scanner solution that provides detailed and quantitative information about a patient’s disease state, including cell metabolism within tumours,” states Gunter Dombrowe, Managing Director of the Siemens UK Healthcare Sector. “The contract signing is the first step on the journey to providing this innovative piece of equipment to benefit local patients by early 2013. We look forward to working closely with the Daisy Appeal Medical Research Centre over the coming months.”

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### **About Siemens Healthcare**

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Approximately 470 words

**20 January 2012**

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**Picture caption:** The Daisy Appeal, a local charity that aims to improve treatment and research opportunities in cancer and heart disease for the people in the Hull and East Yorkshire region, has helped secure funds and signed a contract for the purchase of a Biograph™ mCT from Siemens Healthcare. (Left to right: Lawrence Foulsham, Molecular Imaging Product Manager at Siemens Healthcare; Mr Mike Wright, Director of Nursing and Deputy Chief Executive of Hull & East Yorkshire NHS Trust; Mr Trevor Boanas, Trustee at the Daisy Appeal Charity; Professor Nick Stafford, Chairman of the Trustees at the Daisy Appeal Charity; Gunter Dombrowe, Managing Director of the Siemens UK Healthcare Sector; Dr Assem Allam, Trustee at the Daisy Appeal Charity; Mr David Haire, Chief of Innovation and Strategy at Hull & East Yorkshire NHS Trust; Mr Mike Auton, Accountant at the Daisy Appeal Charity; Peter Harrison, Divisional Director of Imaging and Therapy of the Siemens UK Healthcare Sector.)

