

## Siemens Healthcare launches new PET/CT system to address a broad range of clinical indications

- **Users able to address specialist fields of oncology, neurology and cardiology**
- **Versatile new technology simplifies staff's daily routine by automating manual tasks**

Siemens Healthcare has launched the new versatile and cost-effective Biograph Horizon™ PET/CT system, which offers premium performance at an attractive total cost of ownership. The system provides clinicians with the capabilities required to serve a broad range of patients and expand into new service areas. It enables the use of all commercially available PET tracers, giving users the ability to address more indications in the specialist fields of oncology, neurology and cardiology.

The Biograph Horizon utilises 4mm LSO crystals to provide rapid scintillation with a high-light output, providing excellent image quality using the lowest achievable dose to aid clinicians with visualising small lesions. This in turn ensures a timely diagnosis which contributes to effective care pathways, helping to reduce patient side effects related to ineffective therapies. The system also offers built-in capabilities that automate routine tasks to increase productivity and streamline workflows. The Quanti•QC runs quality control procedures overnight to save precious clinic time, while scans can be performed in under five minutes, and reconstruction runs alongside acquisition for image delivery just 30 seconds after the scan.

Steve Holmes, Sales Director at Siemens Healthcare states, “At a time when there is a demand to drive down cost while enhancing productivity, Siemens is well placed to support with technology capable of improving care pathways and maximising investments. The Biograph Horizon provides a cost-effective PET/CT imaging

solution that does not compromise on quality. As our smallest PET/CT system, it offers low power requirements and a small footprint to ensure reduced operating and maintenance costs, with the flexibility to meet expanding clinical needs.”

The Biograph Horizon utilises the *syngo.via*<sup>®</sup> Molecular Imaging Workplace image processing solution to expand clinical possibilities and help clinicians measure and report with confidence. It offers automated tools to instantly visualise diagnostic information, automate pre-fetching, pre-processing, and display and comparison of previous findings. The ALPHA technology provides automatic registration with organ-based recognition capabilities and EQ/PET feature provides precise calculation of changes in tumour uptake.

Siemens Healthcare is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics and medical information technology. 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 optimising clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 43,000 employees worldwide and operates around the world [www.siemens.co.uk/healthcare](http://www.siemens.co.uk/healthcare).

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**Picture caption:** Siemens Healthcare has launched the new versatile and cost-effective Biograph Horizon™ PET/CT system, which offers premium performance at an attractive total cost of ownership.



## About Siemens

**Siemens AG** (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of combined cycle turbines for power generation, a major provider of power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2014, which ended on September 30, 2014, Siemens generated revenue from continuing operations of €71.9 billion and net income of €5.5 billion. At the end of September 2014, the company had around 357,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).