

## Siemens introduces new PET/CT system

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At the 28th Annual Congress of the European Association of Nuclear Medicine (EANM) in Hamburg, Germany, Siemens Healthcare introduces the new Biograph Horizon. The PET/CT (positron emission tomography/computed tomography) system offers premium performance at an attractive total cost of ownership to support clinicians in addressing more clinical indications. This versatility gives users the capabilities needed to serve a broader patient mix and expand into new service lines, without compromising on quality due to budget constraints.

It boosts user productivity, providing facilities with more time to plan treatment schedules, personalize studies, serve additional patients and improve workflow efficiency. Additionally, Siemens' recently released Biograph RT Pro edition, a comprehensive PET/CT solution for radiation therapy (RT) treatment planning, provides physicians with high-quality images that drive the development of tailored therapy approaches. Finally, a new software version for Biograph mMR reduces examination times and improves image quality in MR/PET.

Biograph Horizon leverages the standard in PET/CT technology to image patients using all commercially available PET tracers, giving users the ability to address more indications in oncology, neurology and cardiology. To help physicians visualize smaller lesions earlier, the system's 4 mm LSO crystals scintillate faster and have a higher light output, providing better image quality and enabling Time-of-Flight.<sup>3</sup> With more precise information, physicians can diagnose disease earlier, contributing to more effective care pathways. This can help reduce costs and patient side effects related to ineffective therapies.

Biograph Horizon simplifies staff's daily routine by automating manual tasks and offering protocol-based exams to increase productivity.

As the smallest PET/CT system with the lowest power requirements, Biograph Horizon minimizes the initial capital investment, while low operating and maintenance costs help manage the total cost of ownership. Additionally, Siemens

Guardian Program predicts downtime ahead of time, so maintenance is scheduled when convenient to minimize the impact on system utilization. Automated technologies, such as gentle system warm-up and automatic standby, help extend the economic life of the system as well as help reduce power consumption.