

UCLH hosts PET MR study day in conjunction with Siemens Healthcare

Study course outlined clinical and research applications of PET MR imaging technology

University College London Hospitals NHS Foundation Trust (UCLH), recently hosted a UK first PET MR study day in conjunction with Siemens Healthcare. A wide range of delegates attended the day course, including a number of radiologists, physicists, MR radiographers and MI radiographers. The knowledge session provided an introduction and overview of PET MR innovative technology, outlining its potential clinical and research applications.

Over twenty clinical experts from UCLH and other organisations chaired speaker sessions on topics such as quantitation in PET MR, how it will help medical research and safety and governance issues. The potential applications of PET MR were also explored, including its use in psychiatry, dementia, neurology, tumour biology, pelvic and GI cancers, lymphoma, head and neck cancers, vascular and cardiac procedures. Siemens Healthcare application and product specialists also attended to outline the key benefits of PET MR and detail features of the world's first fully integrated MR and PET scanner, the Biograph™ mMR.

The PET MR system from Siemens Healthcare is housed in the recently opened University College Hospital Macmillan Cancer Centre and is the first machine of its kind in the UK, delivering the most accurate information from deep inside the body during a single scanning session.

“I was keen to learn more about the applications of PET MR. In a paediatric hospital MRI, with no use of ionising radiations and exquisite soft tissue anatomical definition, it is a very powerful investigative tool. Combining the functional aspects of MR and PET with the ability to significantly reduce the dose

burden to the child is a very attractive proposition for paediatric imaging,” states Dr Lorenzo Biassoni, Consultant Paediatric Nuclear Medicine Physician at Great Ormond Street Hospital for Children. “The discussions were all interesting, but I particularly enjoyed the speaker session on multiparametric profiling of tumour biology with PET MR. I would certainly recommend the study day and am considering attending again in the future.”

“PET MR, as demonstrated by the Biograph mMR from Siemens Healthcare, is a pioneering hybrid innovation that enables clinicians to rapidly gain in-depth information from simultaneous scans. It was a pleasure to support UCLH, a first class clinical and research institution, to expand and develop understanding in this area,” states Jane Kilkenny, MRI Business Manager at Siemens Healthcare. “The study day helped delegates expand their knowledge of this innovative technology, discover its wide variety of applications and discuss in a forum with peers.”

Siemens Healthcare hosts and supports UK study days throughout the year. For further information, please contact sarah.cowan@siemens.com.

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About Siemens Healthcare

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 optimising 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. For further information please visit: <http://www.siemens.co.uk/healthcare>.

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Picture caption:

University College London Hospitals NHS Foundation Trust recently hosted a PET MR study day in conjunction with Siemens Healthcare. Siemens Healthcare application and product specialists also attended to outline the key benefits of PET MR and detail features of the world's first fully integrated MR and PET scanner, the Biograph™ mMR (pictured).

