



25 YEARS AT THE FOREFRONT OF SCANNING TECHNOLOGY

For 25 years, as scanners which represent genuine new advances have become available, Paul Strickland Scanner Centre has raised the funds to install them. Since the inauguration of the Centre we have ensured that our patients have benefited from the very latest technology.

- 1985** Our very first CT and MRI scanners. A Picker 1200SX CT and a Picker Vista MRI, from a subsidiary of GEC. First CT patient scanned 18th June 1985 and the first MRI patient scanned at the beginning of November 1985.
- 1990** Our first CT scanner is replaced by a Siemens Hi Q CT scanner. First patient scanned on new CT January 1991.
- 1992** 0.5T and 2.0T Elscint Gyrex MRI scanners were installed in a purpose-built extension and supersede the Picker Vista MRI.
- 1997** During the building works for PET, the opportunity was taken to replace the CT. Our first PET scanner, a Siemens ECAT 47 Exact System was installed. This was one of only two in the UK, the other being in the private sector.
- 1998** The 2.0T Elscint Gyrex MRI scanner is replaced by a Siemens Symphony 1.5 T MRI.
- 2001** The 0.5T Elscint Gyrex is replaced by another Siemens Symphony 1.5 MRI. This is a state of the art scanner for its time.
- 2002** We established a Cyclotron on our site to produce the tracer (FDG) needed for PET scans. This tracer rapidly decays immediately after it is produced, so having the Cyclotron on site means a reduction in travel time so more patients can be scanned
- 2004** GE Discovery ST 4-slice PET/CT is installed, the first static PET/CT for clinical use in the UK. This combines the ability of CT to show where the tumour is with PET's ability to show the extent of the disease and the response to treatment.
- 2005** Installation of the first Siemens Magnetom 3T MRI scanner for clinical use in the UK. This replaces the older of our Symphony 1.5T's and shows finer detail in parts of the body previously not visible.
- 2006** Our other Siemens Symphony 1.5T MRI is upgraded to include Total Imaging Matrix (TIM). The first of its kind in the UK, this allows for faster scans with a greater repertoire.
- 2007** We install the world's first dual source CT scanner, a Siemens SOMATOM Definition 64 slice. A Picture Archive & Communication System (PACS) is installed in a new building which also houses a seminar room and the Appeals Office. PACS provides computerised storage and retrieval of digital scan images to increase service speed. This improves our data handling and reporting facilities.
- 2008** An additional PET/CT scanner is obtained to cope with increased demand – a 64 slice GE VCT, the first for clinical use in the UK.
- 2009** In December we installed the latest Siemens 1.5T Avanto MRI, one of the most advanced scanners of its type in the world. This has continuous table move technology enabling scans to be undertaken while the bed moves through the scanner. A whole body scan is done more quickly in one movement. Currently only one other scanner in the country is capable of this.