



The Forever Friends Appeal

*Helping the Royal United Hospital
provide the very best in patient care*

SECOND COMPUTERISED TOMOGRAPHY (CT) SCANNER

A CT scanner was once a luxury only available to the teaching hospitals! Today it is used in all acute hospitals and is essential in the diagnosis of many different types of illnesses and injuries. It is more sophisticated than the traditional X-ray, displaying a much clearer image of the area being examined. In view of this, more and more scans are being requested, particularly urgent cancer related scans. This means that the less urgent and routine scans are relegated to the bottom of the list. Currently we scan in the region of 1000 patients per month with many having multiple areas of interest.



The RUH houses the current CT scanner and Magnetic Resonance Imaging scanner (MRI) in a suite in Radiology with a central viewing room monitoring both scanners. A second MRI scanner is being purchased shortly, through government funding, with the Forever Friends Appeal pledging to support the CT scanner.

These new scanners will be located in a new suite which will be constructed this summer and adjoining the current suite. **The increased capacity will enable patients to be seen much more quickly and as the scanners are run for at least twelve hours a day, seven days a week, will provide a greater service to all our patients.**

The CT scanner is used for a wide variety of diagnosis and is particularly effective at staging cancers, detecting certain vascular problems often associated with the brain including strokes, and assessing injury from multiple trauma. People admitted to A&E from for example, as a result of a road traffic accident, would often be given an emergency CT scan to identify the extent of their injuries.

Approximately 60% of all scans undertaken are on inpatients, some of whom will have suspected tumours, whether benign or cancerous. The fast and timely examination of these patients ensures delays to treatment are not incurred whilst also ensuring hospital beds are made available to new admissions.

Essentially, the CT scanner is a multifunctional, 'doughnut' shaped piece of equipment, giving accurate and speedy results – that is at the core of the hospitals services.

**IT HELPS US TO SAVE LIVES
Please help us to raise £800,000 for purchasing
and installing the second CT scanner**