



A lifetime of specialist care

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**Royal Brompton
& Harefield**
NHS Foundation Trust

Transplant unit

The Trust's world famous heart and lung transplant service is based at Harefield Hospital and includes the artificial heart service and the transplant coordination department

Harefield Hospital, part of Royal Brompton & Harefield NHS Foundation Trust, has one of the largest transplant centres in the world. The hospital's first successful heart transplant was performed here in 1980, and the world's first heart and lung transplant took place here in 1983.

The transplant unit is made up of

- Rowan Ward (17 beds, including a 10-bed HDU)
- Fir Tree Ward (17 beds)
- Transplant clinic
- Artificial heart team
- Transplant co-ordination department
- Nurse specialists

The unit cares for patients who are undergoing assessment for transplantation, or who have been accepted onto the waiting list and require hospitalisation. It also treats patients with post-transplant complications, and those who need ventricular assist device



implantations and aftercare. All of the beds are in single rooms to avoid the risk of cross infection. Nursing care is based on the Orem nursing model to enable patients to become confident and independent. The nurses rotate between both wards and the clinic.

Rowan Ward

Rowan Ward is a 17-bed ward caring for patients who require nursing that is more demanding. This includes a 10-bed high dependency unit (HDU) caring for



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patients with heart or lung failure. The ward has extended care facilities for patients requiring invasive support and is the first cardiothoracic centre to offer haemofiltration within a ward setting. We are also the only centre to care for patients with a Levotronic assist device in a ward setting.

Fir Tree Ward

Fir Tree Ward has 17 beds, including one bed for transplant preparation or emergencies. The patients on this ward are predominantly of critical care classification 1 and 2, which means they are partly self caring or independent.

Transplant clinic

The clinic provides a post-operative service to more than 1,000 adults, including patients with a ventricular assist device implanted. Working very closely with the wards, the clinic provides a comprehensive range of outpatient testing and investigations, and plays a major role in the education of patients and relatives.

The artificial heart team

The artificial heart team oversees the care of patients with ventricular assist devices (VADs). They assemble the device during surgery and follow the patient care through ITU,

transplant unit and when at home in the community.

Transplant co-ordination department

The transplant co-ordinators manage assessments and waiting lists for transplants. They take donor details and liaise with the surgeons, call patients in and are responsible for the timing of the transplant operation.

Nurse specialists

Nurse specialists co-ordinate heart and lung transplant assessments and manage heart failure patients.

Informal visits

Please do call and arrange an informal visit. We would love to talk to you and show you around our department. You can contact us on 01895 823737 and ask for the matron, sister or practice educator of the transplant unit.

Shifts

Nurses on the transplant unit work 11.5 hour shifts. There may be some flexibility for family friendly shift patterns.

Where to find us

Harefield Hospital
Hill End Road, Harefield, Middlesex UB9 6JH
Tel: 01895 823737