



THE MONTEFIORE HOSPITAL

Part of **Spire Healthcare**

REDUCING BLOOD WASTAGE AT THE MONTEFIORE HOSPITAL, BRIGHTON & HOVE

The Montefiore Hospital opened its doors in November 2012 as a new independent provider of private healthcare in Brighton and Hove, East Sussex. It has 3 theatres and an endoscopy suite, 20 inpatient beds, 3 extended recovery beds, 13 day care and 7 chemotherapy pods.

On commissioning the clinical activity was anticipated to comprise a large volume of orthopaedic surgery, including primary arthroplasties and major spinal procedures, alongside surgery for colorectal and breast cancers, and complex endometriosis surgery.

The local NHS Trust was approached initially to provide a full pathology service however the cost was prohibitive and a decision was made to use Spire Pathology Services. Difficulties were encountered initially to set up an agreement with the local NHS Trust and therefore a decision was made to hold a total of twelve units of donor blood on site (6 O D positive units and 6 O D negative units), four of which constituted the 'flying squad' cover. The proximity of Brighton and Hove to the coast, and a therefore a good two and half hour journey from the nearest NHS-BT supplier at Tooting, London, meant that we could not rely on lower stocks. In addition, this meant a relatively high percentage was wasted due to expiry, despite an arrangement to transport to another Spire Hospital during the last 10 days of expiry.

Four years after opening we have around 450 patient discharges per month and bed occupancy is at its maximum threshold. In 2016 we managed to secure a Service level Agreement with the local NHS Trust for the provision of emergency blood, which has enabled us to be more confident in major haemorrhage and massive transfusion scenarios as blood can now be available to us within an hour rather than waiting two and a half hours for back up blood stocks to arrive from Tooting.

With the support of our Hospital Transfusion Committee the decision was made to reduce our stocks by 50 % to six (2 O positive, 2 O negative and 2 further O negative 'flying squad'). We have reduced the wastage from 41 units in quarter 3 to just 5 units in quarter 4 2016. Despite these being small numbers in comparison to the NHS hospitals, we are pleased to have reduced the O D negative wastage considerably.

For further information please contact Lynette Awdry, Matron on 01273 828023.