Infection Control Team

East Midlands Comparison Graphs
July - September 2012

For further information contact the Infection Control Team on ext. 88210
Internally the Infection Prevention and Control Team provide reports to the Trust on rates and possible causative factors of specific infections such as Meticillin resistant staphylococcus aureus (MRSA) and Meticillin sensitive Staphylococcus aureus (MSSA) in blood cultures and C.difficile infections. Positive samples are classed as 'Trust apportioned' or 'other'. It is important that samples are taken promptly on suspicion of infection as any positive sample taken after 48 hours of admission would be deemed as Trust acquired and investigations have to be undertaken to try and determine the probable cause. For positive samples taken within 48 hours, the patient is deemed to have already had the infection when admitted.

The data we collect is mandatorily reported to the Health Protection agency where it is collated and benchmarked against other Trusts. The graphs following illustrate our position in the East Midlands region.
For 2011/12 The Trust finished with 2 MRSA bacteraemia cases against the trajectory of 2.

2012/13 trajectory remains the same at 2 cases.
The assumption would be that all the processes put in place to reduce MRSA bacteraemia would reduce the MSSA bacteraemia cases, however as you can see from the graph this hasn't materialised. Therefore from January 2011, reporting of MSSA bacteraemia cases became mandatory.
Mandatory MSSA figures – taken from HCAI Data Capture System

**Figure 9:** Annual rate of Trust apportioned cases of MSSA bacteraemia processed by each Trust laboratory in the East Midlands, per 100,000 bed days for financial year 2011/12.
Derby Hospitals has made significant progress in reduction of Trust acquired C.difficile infections and were the lowest in the region for 2011/12.

Last year (2011/12) the Trust finished under trajectory at 76 cases, for this year (2012/13) the trajectory has been set at no more than 49 cases - a real challenge for the Trust.