


**UNIVERSITY HOSPITALS BIRMINGHAM NHS FOUNDATION TRUST
BOARD OF GOVERNORS
WEDNESDAY 9 DECEMBER 2009**

Title:	REPORT ON INFECTION PREVENTION AND CONTROL UP TO 30 NOVEMBER 2009
Responsible Director:	Kay Fawcett, Executive Chief Nurse and Executive Director for Infection Prevention and Control
Contact:	Dr Adam Fraise, Director of Infection Prevention and Control. Ext 3524 Dr Pauline Jumaa, Director of Infection Prevention and Control. Ext 8182

Purpose:	To provide the Board of Governors with information relating to infection prevention and control issues (including MRSA bacteraemias and <i>C. difficile</i> episodes) to
Confidentiality Level & Reason:	N/A
Medium Term Plan Ref:	Strategic Aim 4 : quality of services
Key Issues Summary:	This paper sets out the current year (09/10) position on MRSA and <i>C.Difficile</i> within the Trust, and supporting actions to ensure continued improved performance.
Recommendations:	The Board of Governors is asked to accept this report on infection prevention and control progress.

Signed: 	Date: 30 November 2009
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WEDNESDAY 9 DECEMBER 2009

REPORT ON INFECTION PREVENTION AND CONTROL UP TO 30 NOVEMBER 2009

PRESENTED BY THE CHIEF NURSE

1. Introduction

This paper provides a report on performance against the national trajectory for MRSA bacteraemia and the locally agreed trajectory for *Clostridium difficile* (*C.difficile*), up until 30 November 2009. It also provides an update on progress related to wider infection prevention and control actions.

2. Executive Summary

Both MRSA bacteraemias and episodes of *C.difficile* are under the agreed trajectory.

3. MRSA bacteraemias 2009/10 and Context

There were 9 bacteraemias between the months of April and November 2009 although one of these has been removed from the Trust trajectory following a successful appeal. This compares with 23 for the same time period in 2008. The Trust has remained significantly below trajectory for the first eight months of the year as shown in table 1.

Table 1. Number of MRSA bacteraemias by month

Month	Total bacteraemias	Bacteraemias acquired more than 48 hrs after admission? (likely to be UHB acquired)	
		Yes	No
April 2009	1	0	1
May 2009	0	0	0
June 2009	3	1	2
July 2009	2	2	0
Aug 2009	1	0	1
Sept 2009	0	0	0
Oct 2009	1	1	0
Nov 2009	0	0	0
Total	8	4	4

4. ***Clostridium difficile* Episodes**

Current Figures and Historical Context

There were 160 episodes of *C. difficile* infection for the period April to November 2009 (including pre 48 hour cases). This compares with 351 cases in the same time period in 2008. The submission to the Health protection agency for this period, (UHB post 48 hour cases only) is 116 cases against a trajectory of 232. All cases are now subject to root cause analysis and the themes are discussed at the Infection Prevention and Control Committee.

Table 2. Cases of *C.difficile* within the Trust

Month	Total <i>C.difficile</i> disease	Trajectory (post 48 hour cases only)	<i>C.Diffs</i> acquired more than 48 hours after admission? (likely to be UHB acquired)	
			YES	NO
April 2009	16	29	12	4
May 2009	24	29	20	4
June 2009	15	29	12	3
July 2009	23	29	15	8
August 2009	15	29	10	5
Sept 2009	32	29	23	9
Oct 2009	22	29	15	7
Nov 2009	16	29	10	6
Total	163	232	117	46

5. **Outbreaks of Diarrhoea and Vomiting**

There were no wards closed with diarrhoea and vomiting from September to 27 November 2009. Three patients on ward E4B developed diarrhoea on 28 November. Patients were cohort nursed. At the time of writing this outbreak appeared to be settling.

6. **Human Swine Influenza**

Following low numbers in August and September, the second wave began in October 2009. Since June 2009, there have been 46 hospitalised cases in the Trust. Overall most cases have been relatively mild. In October and November the seasonal and swine influenza vaccinations have been rolled out in the Trust. Guidance is updated on the intranet as new information becomes available.

8. **Recommendations**

The Board of Governors is asked to accept this report on infection prevention and control progress.

Mrs Kay Fawcett
Chief Nurse and Executive Director for
Infection Prevention and Control
30 November 2009