



AGENDA ITEM

3.2.6

QUALITY AND SAFETY COMMITTEE

END OF YEAR POSITION REPORT 2022/23 – WG IMPROVEMENT GOALS FOR REDUCING HEALTHCARE ASSOCIATED INFECTIONS

DATE OF MEETING

24/05/2023

PUBLIC OR PRIVATE REPORT

Public

IF PRIVATE PLEASE INDICATE REASON

Not Applicable - Public Report

PREPARED BY

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PRESENTED BY

Greg Dix, Executive Director of Nursing

EXECUTIVE SPONSOR APPROVED

EXECUTIVE DIRECTOR OF NURSING

REPORT PURPOSE

For Noting

ACRONYMS

IPC

Infection, Prevention & Control

1. PURPOSE

- 1.1 This report has been prepared to provide the Committee with details of the Health Board's end of year position against the improvement goals for reducing healthcare associated infections set by Welsh Government. National surveillance is mandatory for 5 key surveillance organisms.
- 1.2 Key highlights from the meeting are reported in section 2.
- 1.3 The Committee is requested to **NOTE** the report.

2. HIGHLIGHT REPORT

ALERT / ESCALATE	<p>CTM did not achieve the improvement goals for reducing healthcare associated infections at the end 2022/23. Fewer cases were reported for two of the five surveillance organisms.</p> <p>A significant proportion of the mandatory surveillance organisms reported were community acquired infections. The IPC team do not currently provide a comprehensive service in primary care. Targeted interventions are required in primary care in order to improve patient safety and achieve the reduction expectations.</p> <p>Improvement work was halted in 2022/23 as the Infection Prevention and Control Team were integral to the COVID/ acute respiratory illness preparedness and response plans.</p> <p>Local reduction expectations will be developed for each of the acute sites/care groups based on the improvement goals for reducing healthcare associated infections in 2023/24.</p>
ADVISE	<p>C Difficile</p> <p>The reduction expectation for 2022/23 was a rate of 25 per 100,000 population. CTM achieved a rate of 25.34 per 100,000 population.</p> <ul style="list-style-type: none"> • CTM marginally missed the reduction expectation for 2022/23. • 114 cases were reported which is 26% fewer cases compared to the previous year. • 51% of the total cases were deemed to be healthcare associated. • 30% of the total cases were GP samples. • CTM ended the period with the lowest rate of C.Difficile infection in Wales. <p>S.aureus bacteraemia</p> <p>The combined reduction expectation for S.aureus and MRSA for 2022/23 was a rate of 20 per 100,000 population. CTM ended the period with a rate of 32.68 per 100,000 population.</p>



MRSA

- An increase in cases was reported compared to the previous year but 75% of the cases were community acquired infections.
- No preventable sources were identified for the bacteraemia.
- CTM ended the year with the lowest rate of MRSA bacteraemia in Wales.

MSSA

- A 21% increase in cases was reported compared to the previous year.
- 66% of the total cases were community acquired infection based on the date the sample was sent.
- 11% of the total cases had a preventable source and linked to a medical device/surgical site infection.

E.coli bacteraemia

The reduction expectation for E.coli bacteraemia was a rate of 67 per 100,000 population. CTM achieved a rate of 84.92 per 100,000 population.

- Despite not achieving the reduction expectation, 2% fewer cases were reported compared to the previous year.
- 69% of the cases were community acquired infections based on the date the sample was sent.
- 6% of the total cases were deemed to have a preventable source and associated with a urinary catheter.

Klebsiella sp. Bacteraemia

A 10% reduction in Klebsiella sp.bacteraemia was expected in 2022/23 compared to the 2017/18 numbers. CTM achieved a rate of 18.90 per 100,000 population.

- A 5% increase in cases was reported in 2022/23 but CTM ended the year with the lowest rate in Wales.
- 60% of the total cases were community acquired infections based on the sample date.
- 12% of the total cases were deemed to have a preventable source and associated with a urinary catheter.



	<p>Pseudomonas aeruginosa bacteraemia</p> <p>A 10% reduction in Pseudomonas aeruginosa cases was expected in 2022/23 compared to the 2017/18 numbers. CTM ended the period with a rate of 8.89 per 100,000 population.</p> <ul style="list-style-type: none">• A 38% increase in cases was reported compared to the previous year.• 57% of the total cases were community acquired infections based on the sample date.• 10% of the total cases were deemed to have a preventable source and associated with a medical device.
ASSURE	<p>The IPC Team have a planned programme of improvement work for 2023/24 to reduce preventable bacteraemia which includes improving compliance with IPC and ANTT training.</p> <p>IPC huddles are arranged to discuss healthcare associated cases of C.Difficile and preventable bacteraemia but medical engagement must be improved. The learning is shared widely through IPC meetings to inform and influence practice and improve patient safety.</p>
INFORM	<p>A strategic review of the IPC service is planned to determine how an integrated whole system approach for IPC can be achieved/delivered across CTM.</p>
APPENDICES	NOT APPLICABLE