

11th December 2024

Request under Freedom of Information Act 2000

Thank you for your request for information which we received on Tuesday 26th November 2024. I am pleased to confirm the following.

How many doses of each of the following strengths of Meropenem do you administer annually?

- **500mg** 1,405
- **1 gram** 14,350
- **2 grams** 0 Vials

What are the main areas of your hospital where Meropenem is used?

Cancer Wards
Respiratory Ward
ICU

What are the main conditions you use Meropenem to treat?

Meropenem is in the trust antimicrobial guidelines (adult and paed) to treat:

- Adult Sepsis- in penicillin allergic patients (non anaphylaxis) including neutropenic sepsis or where gentamicin is not appropriate
- Adult Sepsis in patients with a confirmed or suspected ESBL
- Adult Typhoid-if travel history to Pakistan present as drug resistant typhoid is common in this area
- Adult Infected acute pancreatitis including in penicillin allergy (non-anaphylaxis)
- Adult Necrotising fasciitis
- Adult Meningitis in penicillin allergy (non anaphylaxis)
- Adult and Paediatric brain abscess- including in penicillin allergy (non anaphylaxis)
 - Meningitis in paediatrics >3 months of age with penicillin allergy (non anaphylaxis)

How do you currently administer Meropenem via bolus or infusion? If you infuse, do you use gravity or pump sets?

We administer according to MEDUSA guidelines. Generally, this would be via IV bolus injection. If infusion was required this would generally be done with a pump.

IV injection: Give slowly over 5 minutes.

Short IV infusion (preferred for doses over 1g): Give over 15 to 30 minutes.

Doses higher than 1g may be given by IV injection but there are limited data to support this practice.

Where is your Meropenem currently reconstituted (e.g., wards or aseptic units)?

On the wards.

Do you face any challenges when administering Meropenem?

No

Do you frequently experience drug shortages of Meropenem?

No

How many medication errors do you experience per month when administering Meropenem?

0

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If you need any further assistance, please do not hesitate to contact us at the address above.

Yours sincerely

Information Governance Administrator

For and on behalf of Milton Keynes Hospital NHS Foundation Trust

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