



GIG
CYMRU
NHS
WALES

Bwrdd Iechyd Prifysgol
Cwm Taf Morgannwg
University Health Board



Freedom of Information Request: Our Reference CTMUHB_596_24

You asked:

Could you provide answers to the below questions for each hospital in your trust, please?

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

- **500mg** – 910 vials
- **1 gram** – 22410 vials
- **2 grams** – 0 vials

Please note - we are unable to state the number of doses given as this is not centrally recorded. The above information is based on number of vials issued.

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

ITU/HDU, respiratory, gastro-enterology and paediatrics.

3. What are the main conditions you use Meropenem to treat?

Meropenem could be used in various clinical indications like UTI, VAP, HAP, complicated intraabdo infections etc
Necrotising fasciitis (first-line) or fournier's gangrene.
Treat systemic infections caused by Gram negative MARO (multiple antibiotic resistant organisms)
Empirically in cases where patient has clinically failed to respond to first- or second-line antibiotics
Patients with history of penicillin allergy (non-severe)
Empirically in cases of Neutropenic sepsis
Empirically in some post op cases as a broad-spectrum cover, for eg Orthopaedic patients with PJI awaiting culture results

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

Bolus.

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

Wards.

6. Do you face any challenges when administering Meropenem?

None reported.

7. Do you frequently experience drug shortages of Meropenem?

No.

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

We can confirm that 6 have been reported since April 2022.