ANTIBIOTICS AND ANTIMICROBIALS - USE OF

POLICY STATEMENT

It is Bay of Plenty District Health Board's (BOPDHB) policy that antibiotics and other antimicrobial agents used in the treatment of infections must be prescribed according to best practice and take account of the BOPDHB Restricted Antimicrobial List (see protocol 1) and the Hospital Medicines List (HML).

PURPOSE

To promote safe, rational, economical and effective antibiotic use and to reduce the incidence of nosocomial infection and the development of antibiotic resistant organisms.

EXCLUSIONS

Paediatrics- refer to Starship Clinical Guidelines.

STANDARDS TO BE MET

1. Medical staff will prescribe the most effective, least toxic and narrowest spectrum agent available for known pathogens, on the proviso that known patient allergies and other idiosyncrasies are also taken into account.
2. Prophylactic antibiotics will be used according to BOPDHB guidelines or protocols, Hospital Medicines List / Infections and the Restricted Antimicrobials List.
3. BOPDHB laboratories will test organisms cultured against a selected group of antibiotics appropriate for that organism. This selection will be reviewed annually and may be altered in special circumstances.
4. BOPDHB will operate a restricted antibiotics list, maintained by Infectious Diseases Physicians with input from Pharmacy, Clinical Microbiologist and the Infection Control Committee. The agents on the list may only be used after consultation with the Infectious Diseases Physician or Clinical Microbiologist (when available). This must be documented in the patient's health record / on the medication chart.
5. The Laboratory will undertake regular surveillance and monitoring for multi-resistant organisms and organisms associated with antimicrobial use and include this activity in annual planning.

REFERENCES

- NZ Formulary
- Hospital Medicines List / Infections
- Health and Safety at Work Act 2015 and Regulations 2016

ASSOCIATED DOCUMENTS

- Bay of Plenty District Health Board policy 4.1.11 protocol 1 Antibiotics and Antimicrobials - Restricted Antimicrobial List
- Bay of Plenty District Health Board policy 4.1.11 protocol 2 Antibiotics and Antimicrobials - Antibiotic Recommendations for Common Conditions in Adults
- Bay of Plenty District Health Board policy 4.1.11 protocol 4 Antibiotics and Antimicrobials - Orthopaedic Surgery - Recommendations for Pre-operative Antibiotic Prophylaxis
- Bay of Plenty District Health Board policy 4.1.11 protocol 5 Antibiotics and Antimicrobials - General Surgery - Recommendations for Pre-operative Antibiotic Prophylaxis
- Bay of Plenty District Health Board policy 4.1.11 protocol 6 Antibiotics and Antimicrobials - Surgical Specialties - Recommendations for Pre-operative Antibiotic Prophylaxis
- Bay of Plenty District Health Board Medications protocol MED.G3.1 Gentamicin
- Bay of Plenty District Health Board Medications protocol MED.V5.1 Vancomycin (IV and Oral)
- Bay of Plenty District Health Board Restricted Antimicrobials List