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Complications of Long Term Antibiotics Usage

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Abstract:Antibiotics are drugs that either kill or inhibit the growth of bacteria: bactericidal and bacteriostatic respectively. Antibiotics may account up to 30% of a hospital's drug. Various strategies have been used to implement guidelines and antimicrobial-control programs to limit the emergence and spread of antimicrobial-resistant organisms. Turkey uses 42.2% of antibiotics and was rated as the first country, using most of the antibiotics. Cephalosporins are the class of antibiotic which are mostly used to treat infections. The choice of antibiotics may also vary depending on the presenting microorganism. As the complications of these antibiotic therapies are increasing nowadays, the dose calculation is needed for infective treatment. Alternative therapy or discontinuation of therapy can be done in case of severe complications which cannot be reversed.

Key Words: Antibiotics, antimicrobial agent.

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