Penicillin G Sodium for Injection, USP 5,000,000 Units (5 million units)

To reduce the development of drug-resistant bacteria and maintain the effectiveness of penicillin G sodium and other bactericidal antibiotics, penicillin G sodium should be used only to treat infections that are proven or strongly suspected to be caused by susceptible bacteria. When culture and susceptibility information are available, they should be considered in selecting or modifying antibacterial therapy. In the absence of such data, penicillin G sodium may be used in empiric therapy.

Penicillin G sodium is bactericidal against penicillin-susceptible organisms, including many strains of staphylococci. Penicillin G is highly effective against many streptococcal infections (e.g., pneumococcal and meningococcal infections). Other organisms susceptible to penicillin G are diphtheria bacillus, clostridium tetani, actinomycetes, veillonellae, and leptotrichia. Other streptococcal infections include meningitis, meningoencephalitis, and arthritis caused by susceptible organisms. Penicillin G has been used in therapy of infections due to such organisms as meningococcus, gonococcus, and pneumococcus.

Penicillin G sodium is indicated for the empirical treatment of a wide variety of infections and for infections caused by susceptible organisms, including meningitis and endocarditis.

Penicillin G sodium should be given in the absence of culture and sensitivity data even if the etiologic agent is known or suspected. However, if sensitivity data are available, they should be considered in selecting or modifying antibacterial therapy. In the absence of such data, penicillin G sodium may be used in empiric therapy.

In the treatment of meningococcal meningitis, meningococcal septicemia, and meningococcal purpura fulminans, penicillin G sodium is the drug of choice for infections caused by susceptible organisms.

WARNING

Penicillin G sodium is a potent antibiotic and occasionally fatal hypersensitivity and other reactions may occur. Precautions should be taken in the selection and use of penicillin G sodium and an appropriate control should be run whenever penicillin G sodium is used. The importance of early diagnosis and proper antibiotic treatment of infections caused by susceptible bacteria cannot be overstressed.

PRECAUTIONS

Penicillin G sodium should be used with caution in individuals, with a history of allergic reactions and/or a history of urticaria and/or angioneurotic edema with the use of penicillin antibiotics, in the opinion of the physician, the condition being treated is life-threatening and anaphylactic only. Penicillin G sodium should be used with caution in individuals with a history of a previous allergic reaction to penicillin or other cephalosporins. Untoward reactions, consisting of mild or severe anaphylactic shock, have occurred during penicillin G sodium administration.

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Dosage

15 to 20 million units/day for

10 to 20 million units/kg/day in

Minimum of 8 million units/kg.