

尺寸: 110\*170mm

## BENZALIN BENZATHINE BENZYL PENICILLIN INJECTION 2.4MEGA

### Composition:

Each vial contains: Benzathine Benzylpenicillin B.P. 2,400,000IU

### Primary Characteristics

Benzathine Penicillin also known as Benzethacil, Benzathine BenzylPenicillin, Penicillin G Benzathine. It is of Semi Synthetic origin and belongs to Penicillin. It belongs to Peptidoglycan synthesis inhibitor pharmacological group on the basis of mechanism of action and also classified in Antibiotics and Penicillinase-sensitive Penicillin pharmacological group. The Molecular Weight of Benzathine Penicillin is 909.10. Its pKa is 2.8.

### Pharmacokinetics

Volume of distribution is found to be 0.2-0.7 l/kg and plasma protein binding is 50-65%. Plasma half life is 0.5-1hr.

### Indications

Benzathine Penicillin is primarily indicated in conditions like Acute otitis media, Bacterial infections, Diphtheria carriers, Penicillin sensitive infections, Prophylaxis of rheumatic fever, Streptococcal impetigo, Syphilis.

### Interaction

Benzathine Penicillin is known to interact with other drugs like Chloramphenicol, Probenecid, Tetracycline (HCl). These interactions are sometimes beneficial and sometimes may pose threats to life. Always consult your physician for the change of dose regimen or an alternative drug of choice that may strictly be required.

### Side Effects

The severe or irreversible adverse effects of Benzathine Penicillin, which give rise to further complications, include Urticaria, Allergic reactions, Serum sickness, and Skin reactions.

Benzathine Penicillin produces potentially life-threatening effects which include Anaphylactoid reactions. Which are responsible for the discontinuation of Benzathine Penicillin therapy.

The symptomatic adverse reactions produced by Benzathine Penicillin are more or less tolerable and if they become severe, they can be treated symptomatically, these include loose stools, Burning discomfort, Local pain, and Deep muscle soreness.

### Dosage

Benzathine Penicillin 's dosage details are as follows:				
Dose	Single Dose	Frequency	Route	Instructions
Adult Dosage (>12 years.)				
0.600 to 1.200 million units	0.9 (0.9)	As recommended.	IM	single dose every 3 weeks dose and duration may vary according to indication
Paedriatic Dosage ( 20 Kg. )				
34.300 mg/kg	690 (686)	As recommended.	Intra Muscular	Every 5-7 Days
22.900 mg/kg	460 (458)	8 hourly	Oral	

### Warnings / Precautions

Benzathine penicillin should be used with caution in patients with medical history especially of any kidney disease, stomach or intestine diseases or allergies to penicillins or other antibiotics. Use with caution during pregnancy or lactation

### Storage Conditions

Store in a well closed container in a cool and dry place. Protect from heat and light. Keep all medicines out of the reach of children.

### Packing

2,400,000 IU / vial  
50 vials / Box

Manufactured in China by:  
Reyoung Pharmaceutical Co., Ltd.  
No.1 Ruiyang Road, Yiyuan County,  
Shandong Province, P.R. China.



Manufactured for:  
Abacus Pharma(A) Limited  
EAST AFRICA