

# Arixon®

Ceftriaxone

IV/IM Injection

## Description

Arixon® (Ceftriaxone) is highly stable to most β-lactamases, both Penicillinases and Cephalosporinases of Gram-positive and Gram-negative bacteria. The action of Arixon® is bactericidal which inhibits the cell wall synthesis. It is most effective against the following microorganisms:

Gram-positive bacteria: *Staphylococcus aureus* (including penicillinase producing strains), *Staphylococcus epidermis*, Streptococci such as *Streptococcus pneumoniae*, *Streptococcus bovis* and Viridans streptococci.

Gram-negative bacteria: *Escherichia coli*, *Haemophilus influenzae* (including penicillinase-producing strains), *Neisseria gonorrhoeae*, *Neisseria meningitis*, *Proteus mirabilis*, *Proteus vulgaris*.

## Indications

It is indicated for the treatment of sepsis, meningitis, abdominal infections (peritonitis, infections of the biliary and gastro-intestinal tracts), infections of the bones, joints, soft tissue, skin and/or wounds infections in patients with impaired defense mechanism, renal and urinary tract infections, respiratory tract infections, particularly pneumonia, and ear, nose and throat infections, genital infections including gonorrhoea.

## Administration and Dosage

*Adults and children over twelve years:* The usual dosage is 1 to 2 g of Arixon® administered once daily in 24 hours. In severe cases infections caused by moderately sensitive organisms, the dose may be increased to 4 g once daily.

*Neonates, infants and children up to 12*

*years:* For Neonates (up to 2 weeks) a daily dose of 20-50 mg/kg body weight, not to exceed 50 mg/kg on account of the immaturity of the infants is advised. For children with body weight of 50 kg or more, the usual adult dose should be used.

*Elderly patients:* The dosage recommended for adults require no modification in case of geriatric patients.

## Duration of Therapy

The duration of therapy varies according to the course of the diseases. As with antibiotic therapy in general administration, Arixon® should be continued for a minimum of 48-72 hours after the patient has become afebrile or evidence of bacterial eradication has been obtained. For the treatment of gonorrhoea, a single intramuscular dose of 250 mg Arixon® is recommended.

## Precautions

As with other Cephalosporins anaphylactic shock cannot be rubbed out even if a thorough patient history is taken. Anaphylactic shock requires immediate counter measures.

## Side Effects

Diarrhoea, nausea, vomiting, stomatitis and glossitis.

## Use in Pregnancy and Lactation

Arixon® is of pregnancy category B.

## Pharmaceutical Precautions

Arixon® should be stored in a cool and dry place.

## Commercial Pack

Arixon® 250 mg IM Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 250 mg and one ampoule of 2 ml Lignocaine

Injection BP 1%.

Arixon® 500 mg IM Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 500 mg and one ampoule of 2 ml Lignocaine Injection BP 1%.

Arixon® 1 g IM Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 1 g and one ampoule of 3.5 ml Lignocaine Injection BP 1%.

Arixon® 250 mg IV Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 250 mg and one ampoule of 5 ml Water for Injection BP.

Arixon® 500 mg IV Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 500 mg and one ampoule of 5 ml Water for Injection BP.

Arixon® 1 g IV Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 1 g and one ampoule of 10 ml Water for Injection BP.

Arixon® 2 g IV Injection: Each box containing one vial of Ceftriaxone Sodium USP equivalent to Ceftriaxone 2 g and one ampoule of 20 ml Water for Injection BP.

Manufactured by

Sanofi-Aventis Bangladesh Limited  
Tongi, Gazipur for



**BEXIMCO PHARMACEUTICALS LTD.**

TONGI, BANGLADESH

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