

# Admox<sup>®</sup>

Amoxicillin

## Composition:

Admox DS Capsule: Each capsule contains Amoxicillin 500 mg (as Amoxicillin Trihydrate BP).

Admox powder for Suspension: After reconstitution, each 5 ml contains Amoxicillin 125 mg (as Amoxicillin Trihydrate BP).

## Pharmacology:

Amoxicillin is a semisynthetic antibiotic with a broad spectrum of bactericidal activity against many gram-positive and gram-negative microorganisms. Amoxicillin kills bacteria by interfering with the synthesis of the bacterial cell wall. Amoxicillin is stable at gastric pH. It is completely absorbed in the upper gastrointestinal tract. Absorption is independent of meals.

## Indication:

Admox is used in the treatment of the following infections caused by susceptible pathogens.

*Trachea and nose-ear-throat infections:* acute and chronic bronchitis, pneumonia, otitis media, tonsillitis, pharynx and larynx inflammation, lobar and bronchopneumonia, chronic bronchial sepsis, etc. *Urinary Tract Infections:* Nephritis, Urethritis, etc. *Genital tract infections:* Bacteriuria during pregnancy, septic abortion, intra-abdominal sepsis and puerperal sepsis etc. *Gastrointestinal tract infections:* Typhoid and paratyphoid. *Skin and soft tissue infections:* inflammation of cells under the skin, wounds etc. *Sexually transmitted infections:* gonorrhoea, syphilis. *Other infections:* blood infection, inflammation of endocardium, meningitis, peritonitis, osteomyelitis etc.

Admox is also used to prevent endocarditis after dental surgery.

## Dosage and Administration:

Adult: 250 mg three times daily, increasing up to 500 mg three times daily for severe infections.

Children (up to 10 years of age):

125 mg three times daily, increasing up to 250 mg three times daily for severe infections.

- \* Severe or recurrent purulent respiratory infection : 3 gm every 12 hours.
- \* Otitis media : Recommended dose is 1 g three times daily for adult and 40 mg / kg body weight daily in 3 divided doses for children ( max . 3 g daily).
- \* Pneumonia: Recommended dose is 500-1000 mg three times daily.
- \* Dental abscess : Recommended dose is 3 gm , repeated after 10-12 hours.
- \* Urinary tract infections:  
Recommended dose is 3 gm , repeated after 10-12 hours.
- \* Gonorrhoea: Single dose of 2-3 gm with Probenecid 1 gm is recommended (Probenecid is contraindicated in children under 2 years).
- \* In renal impairment: it may be necessary as per physician advised.

## Contraindications:

It is contraindicated in patients hypersensitive to penicillins.

## Warning & Precautions:

In renal impairment the excretion of antibiotic will be delayed and depending on the degree of impairment it may be necessary to reduce the total daily dose. Caution should also be exercised in case of erythematous rashes, glandular fever, history of allergy etc.

## Side Effects:

Adverse effects are mild, rare and infrequent. As with other penicillins it may induce diarrhoea, indigestion or skin rashes which usually stop during treatment and rarely calls for discontinuation of therapy.

## Use in Pregnancy & Lactation:

Because of its lack of teratogenicity, Amoxicillin can be used safely throughout pregnancy at the normal adult dose. The small amount of Amoxicillin secreted in maternal milk rarely causes problems in the infant. It can therefore be used safely during lactation in most instances.

## Use in children & adolescents:

Amoxicillin is not recommended for children under 3 months of age. Children older than 3 months are given amoxicillin as directed by their doctor based on their age and body weight. There is no problem in using amoxicillin in adolescents if it is used as directed by the doctor.

## Drug Interactions:

Concurrent administration of probenecid delays the excretion of Amoxicillin.

## Overdose:

Gastrointestinal symptoms such as nausea, vomiting, diarrhoea and disturbances of the fluid and electrolyte balances may be evident. Amoxicillin crystalluria, in some cases leading to renal failure, has been observed. Convulsions may occur in patients with impaired renal function or in those receiving high doses.

## Storage:

Store in a cool and dry place protected from light. Keep out of the reach of children.

## Packing:

Admox DS Capsule: Each box contains 6x 10's capsules in blister pack.

Admox Dry Powder for Suspension: Each bottle containing powder for reconstitution into 100 ml suspension.



Manufactured by

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