

# Admox<sup>®</sup>

## Amoxicillin

### COMPOSITION:

Admox DS<sup>®</sup> Capsule: Each capsule contains Amoxicillin 500 mg (as Amoxicillin Trihydrate BP).

Admox<sup>®</sup> Dry powder for Suspension: Each 5 ml of reconstituted suspension 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<sup>®</sup> is indicated in the treatment of infections due to susceptible strains of the designated microorganisms in the condition listed below: Infections of the ear, nose, and throat due to *Streptococcus spp.* (alpha and beta - hemolytic strains only), *S. pneumoniae*, *Staphylococcus spp.*, or *H. influenzae*. Infections of the genitourinary tract due to *E. coli*, *P. mirabilis*, or *E. faecalis*. Infections of the skin and skin structure due to *Streptococcus spp.* (alpha and beta-hemolytic strains only), *Staphylococcus spp.*, or *E. coli*. Infections of the lower respiratory tract due to *Streptococcus spp.* (alpha and beta-hemolytic strains only), *S. pneumoniae*, *Staphylococcus spp.*, or *H. influenzae*. Gonorrhea, acute uncomplicated (ano-genital and urethral infections) due to *N. gonorrhoeae* (male and females). *H. pylori* eradication to reduce the risk of duodenal ulcer recurrence in combination with Clarithromycin plus Lansoprazol as triple therapy. Admox may also be used as prophylactic cover for patients at risk of developing endocarditis when undergoing dental surgery.

### DOSE & ADMINISTRATION:

Adult Dosage: Amoxicillin 250 mg three times daily in severe infections 500 mg three times daily. Children Dosage: Children up to 10 years of age may be given the equivalent of 125 to 250 mg three times daily. Children weighing 20 kg or more should be given doses according to the recommended dosage for adults. Children under 20 kg body weight a dose of 20 to 40 mg per kg daily has been suggested. In prophylaxis of endocarditis, children may be given half of the adult dose, i.e., 1.5 g about 1 hour before procedures such as dental extraction.

Or as directed by the Physician.

### CONTRA-INDICATION:

It is contra-indicated in patients hypersensitive to penicillins.

### WARNING AND PRECAUTION:

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:

Amoxicillin should be used in pregnancy and appropriate to use during lactation.

### USE IN CHILDREN & ADOLESCENTS:

\* Child 1-4 years: 250 mg 3 times daily; increased if necessary up to 30 mg/kg 3 times/day.

\* Child 4-11 years: 500 mg 3 times daily; increased if necessary up to 30 mg/kg 3 times daily. (max. per dose 1gm)

\* Child 12-17 years: 500 mg 3 times daily; increased if necessary up to 1g 3 times a day use increased dose in severe infection.

### DRUG INTERACTION:

Concurrent administration of probenecid delays the excretion of Amoxicillin. Also interacted Allopurinol, chloramphenicol, sulfonamides, macrolides, tetracycline.

### OVERDOSE:

Bradycardia and various severe symptoms may shown after an overdose.

### STORAGE:

Store in a dry and cool place below 30° C temperature and keep away from light and moisture. Keep out of reach of children.

### PACKING:

Admox DS<sup>®</sup> 500 Capsule: Each box contains 10 x 6's capsules in blister pack.

Admox<sup>®</sup> Dry Power for Suspension: Each bottle containing dry powder for reconstitution into 100 ml suspension.



Manufactured by  
**Team Pharmaceuticals Ltd.**  
B 75-79, BSCJC, Sopura, Rajshahi, Bangladesh

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