

# UNIXIL 250 DISPERSIBLE TABLETS

## AMOXYCILLIN 250MG DISPERSIBLE TABLETS

### Presentation:

Unixil 250 mg Dispersible tablet is a white round, flat faced tablet scored on one side and free from visible impurities.

### List of excipients:

- Microcrystalline Cellulose
- Sodium Saccharin
- Sodium Starch Glycolate
- Crospovidone
- Magnesium Stearate

### ATC CODE:

J01CA04

### Mechanism of action:

Amoxycillin has bactericidal actions. It is considered to act by inhibiting transpeptidase, the enzyme responsible for cross-linking of peptidoglycan during the final stage of synthesis of the bacterial cell wall, and so exert its effect against dividing bacteria. It has been reported that amoxycillin predominantly inhibits side-wall synthesis.

### Pharmacological actions

Amoxycillin is resistant to inactivation by the acid of gastric secretions. It is more rapidly and more completely absorbed when given by mouth and produces peak antibiotic plasma concentrations of a range from 3.2mg/ml - 11.5mg/ml in about 1 to 2 hours, following a dose of 500 mg. Doubling the dose can produce double the concentrations. The presence of food in the stomach does not appear to diminish the total amount absorbed.

About 20% is bound to plasma proteins in the circulation and plasma half lives of 1 to 1.5 hours. The half-life may be longer in neonates and the elderly. In renal failure half-lives have been 7 to 20 hours long. Amoxycillin is widely distributed at varying concentrations in body tissues and fluids. It crosses the placenta and small amounts are excreted in breast milk. Little Amoxycillin passes into the CSF unless the meninges are inflamed. Amoxycillin is metabolised to a limited extent to penicillic acid, which is excreted in the urine. About 60% of an oral dose of amoxycillin is excreted unchanged in the urine in 6 hours by glomerular filtration and tubular secretion. Probenecid retards renal excretion. High concentrations have been reported in bile, some may be excreted in the faeces.

### Indications:

Amoxycillin is a broad - spectrum antibiotic effective against a wide range of Gram-negative and Gram-positive Bacteria. Amoxycillin is indicated for actinomycosis, biliary-tract infections, bone and joint infections, bronchitis, endocarditis, gastro-enteritis (including E. Coli enteritis and Salmonella enteritis but not Shigellosis), gonorrhoea, mouth infections, otitis media, pneumonia, spleen disorders (pneumococcal infection prophylaxis), typhoid and paratyphoid fever and urinary tract infections.

### Dosage and Administration:

Adults and Children over 10 years: 250 mg to 500 mg every 8 hours.

### Children up to 10 years:

125 mg to 250 mg every 8 hours.

Under 20 kg body weight, a daily dose of 20 to 40 mg per kg has been suggested.

### Uncomplicated Gonorrhoea.

3 gm as a single dose with probenecid 1gm.

### Dental abscess or uncomplicated acute urinary tract infections:

A dose of 3 gm repeated once after 8 or 10-12 hours.

### As a prophylactic:

In endocarditis in susceptible patients 3 gm is given about 1 hour before procedures such as dental extraction.

### Severe or recurrent respiratory tract infections:

3 gm twice daily.

### Otitis media in children aged 3-10 years

750 mg twice daily for 2 days.

### Method of administration:

There are two possible ways to take the tablets either swallow with a glass of water or dissolve in water then drink it.

### Contra-Indications:

Amoxycillin should not be taken by patients with a history of sensitivity to penicillins or to any of the excipients.

### Precautions:

Amoxycillin should be used with caution in patients suffering from renal impairment.

### Mild side effects

include diarrhoea, indigestion or an occasional rash,

either urticarial (suggesting penicillin hypersensitivity) or erythematous.

**NB:** Treatment with Amoxycillin should be stopped if a skin rash develops.

### Storage:

Unixil 250mg Dispersible tablets should be stored below 30°C, in a dry place. Protect from light.

Keep out of reach of children.

### Shelf life:

24 months

### Legal Category:

Prescription only Medicine (POM)

### Package Quantities:

Unixil 250 mg Dispersible tablets: 10x10 Dispersible tablets blister packed

### Nature of Packaging material:

Blister pack  
Aluminium / PVDC Blister pack

Ref: P07U21/2

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