

# Tycil®

Capsule/Suspension/DS Suspension/Paediatric Drops

## Description

Tycil contains Amoxicillin (as trihydrate BP) which is chemically D(-)- $\mu$ -amino-p-hydroxybenzylpenicillin. It is a broad-spectrum, bactericidal antibiotic similar to Ampicillin in the spectrum of activity but is better absorbed when taken orally and produces a higher blood level.

## Indications

Tycil is indicated in the following bacterial infections-

- ◆ *Infections of the respiratory tract and ear* : Laryngitis, pharyngitis, tonsillitis, sinusitis, chronic and acute bronchitis, pneumonia and otitis media.
- ◆ *Infections of the biliary and Gastrointestinal tract* : Salmonellosis, including the carrier stage, cholecystitis, peritonitis.
- ◆ *Infections of the genito-urinary tract* : Nephritis, pyelitis, pyelonephritis, cystitis, urethritis and gonorrhoea, bacteriuria in pregnancy. gynaecological infections including puerperal sepsis and septic abortion.
- ◆ *Skin and soft tissue infections* : Boils, carbuncles, cellulitis.
- ◆ *Prophylaxis of endocarditis* : Tycil may be used for the prevention of developing bacterial endocarditis, associated with procedures such as dental extraction.
- ◆ *Others* : Pre and post-operative prophylaxis and treatment of infections, septicaemia, osteomyelitis.

## Dosage and Administration

*Adult dosage* (including elderly patients) :

- ◆ *Standard dosage* : It is 250 mg three times daily, increasing up to 500 mg three times daily for more severe infections.
- ◆ *Severe or recurrent infection of the respiratory tract* : A dosage of 3 g twice daily is recommended in appropriate cases. (Maximum recommended oral dosage is 6 g daily in divided doses).
- ◆ *Uncomplicated acute urinary tract infection* : A single dose of 3 g.

- ◆ Gonorrhoea : A single dose of 3 g, often with 1 g probenecid in the treatment of uncomplicated gonorrhoea in areas where the pathogen is sensitive to Amoxicillin.
- ◆ Prophylaxis of endocarditis in susceptible patients : A single dose of 3 g about 1 hour before procedures such as dental extraction.

#### *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.

### **Contraindication**

Tycil is contraindicated in patients with known hypersensitivity to penicillins.

### **Precautions**

In presence of gastrointestinal diseases such as diarrhoea and vomiting, absorption of oral preparation is doubtful. Like all broad-spectrum antibiotics, superinfection may occur in association with Amoxicillin. In such cases treatment with Amoxicillin should be discontinued and appropriate therapy to combat superinfection should be instituted.

### **Side Effects**

Side effects, as with other penicillins, are rare and usually of mild and transient in nature. Skin rashes may appear to some patients. This must be reported to the physician and treatment should be discontinued. Gastrointestinal complaints such as diarrhoea have occasionally been observed. These usually subside on continuation of therapy. Incidence of persistent diarrhoea should be reported to the physician.

## **Commercial Pack**

Tycil® 500 Capsule : Box containing 5 blister strips of 10 capsules, each capsule contains Amoxicillin Trihydrate BP equivalent to 500 mg Amoxicillin.

Tycil® 250 Capsule : Box containing 10 blister strips of 10 capsules, each capsule contains Amoxicillin Trihydrate BP equivalent to 250 mg Amoxicillin.

Tycil® Suspension : Dry powder in amber glass bottle for reconstitution into 100 ml suspension. After reconstitution, each 5 ml contains Amoxicillin Trihydrate BP equivalent to 125 mg Amoxicillin.

Tycil® DS Suspension : Dry powder in amber glass bottle for reconstitution into 100 ml suspension. After reconstitution, each 5 ml contains Amoxicillin Trihydrate BP equivalent to 250 mg Amoxicillin.

Tycil® Paediatric Drops : Dry powder in amber glass bottle for reconstitution into 15 ml suspension. After reconstitution, each 1.25 ml contains Amoxicillin Trihydrate BP equivalent to 125 mg Amoxicillin.