

MYTHROCIN

Erythromycin USP

COMPOSITION

Mythrocin Suspension: Each 5 ml of reconstituted suspension contains Erythromycin Ethyl succinate USP equivalent to 125 mg Erythromycin USP.

PHARMACOLOGY

Mythrocin (Erythromycin) is the most effective of the macrolides. It inhibits protein synthesis of bacteria, probably by blocking the amino-acyl translocation reaction of the 50 S-ribosomal unit. Mythrocin has a similar spectrum of activity of benzylpenicillin, of particular importance are *betahemolytic Streptococci*, *Staphylococcus pyogenes*, *Neisseria*, *H. influenza*, some *E. coli* (but most *Enterobacteria* are resistant), *Bordetella pertussis* and *Mycoplasma pneumoniae*. It is bacteriostatic in low concentrations but can be bactericidal at high concentrations. Erythromycin is widely distributed throughout body tissues and fluids with some retention in the liver and spleen. Protein binding of Erythromycin base is 73 percent and the half-life varies between 2-4 hours. Erythromycin is excreted in high concentrations in the bile and upto 5% of an oral dose appears in the urine. Considerable amount may also be inactivated in the body. Food may interfere with the absorption of erythromycin, so it is best taken at least half an hour before meals.

INDICATIONS

Mythrocin (Erythromycin) is the drug of choice in the following indications:

Alternative to a penicillin in penicillin sensitive patients, penicillin resistant staphylococcal infections, alternative to a tetracycline in *mycoplasma pneumonia*, Pertussis, diphtheria -especially in treatment of the carrier state. Rheumatic fever prophylaxis, Chronic bronchitis, Otitis media and Chronic prostatitis.

DOSAGE AND ADMINISTRATION

Children: The usual regimen is 30-50 mg/kg/day in divided doses every 6 (six) hours for at least 2 weeks. In severe cases the dose may be doubled.

N.B.: If any question arises, consult a qualified professional.

CONTRAINDICATION

Erythromycin is contraindicated in patients hypersensitive to erythromycin.

WARNING AND PRECAUTION

Erythromycin should be given with care in patients with impaired hepatic function.

SIDE EFFECT

Erythromycin is one of the safe antibiotics, Nausea, vomiting, diarrhoea, gastro-intestinal disturbances and allergy being the commonest (0.5-5%) adverse reactions.

USE IN PREGNANCY AND LACTATION

Clinical and laboratory studies have been shown no evidence in human of teratogenicity or toxicity. However, caution should be exercised when prescribing this drug to pregnant patients and lactating mothers since erythromycin crosses the placental barrier and is excreted in breast milk.

DRUG INTERACTIONS

Antacids, Carbamazepine, Cimetidine, Cyclosporin, Digoxin, Ergot derivatives.

OVER DOSAGE

Treatment of over dosage consists of gastric lavage and general supportive therapy.

STORAGE CONDITION

Store at temperature of below 25°C, protect from light & moisture.

Keep out of the reach of children.

HOW SUPPLIED

Mythrocin Powder for Suspension: Each glass bottle contains dry ingredients to make 100 ml suspension and a measuring cup.



Manufactured by:
Goodman Pharmaceuticals Ltd.
Better Health For All
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