COTRIMOXAZOLE

TRIZOLE®

400 mg/80 mg per 5 mL Suspension

Antibacterial

DESCRIPTION

TRIZOLE® 400 mg/80mg per 5 mL Suspension combines two antimicrobials: Sulfamethoxazole, a superior sulfonamide and Trimethoprim, a diaminopyrimidine, in a 5:1 ratio which produces optimum synergistic antibacterial activity for effective and safe chemotherapy of a wide range of infections in children.

PHARMACOKINETICS

Both Sulfamethoxazole and Trimethoprim are readily and almost completely absorbed following oral administration, allowing high therapeutic blood and tissue levels at the sites of infection. Peak plasma levels are achieved in two to four hours and effective concentrations may be maintained for six to eight hours following a single dose. Excretion of both compounds is relatively slow with detectable amounts being present in the blood 24 hours after administration. Approximately 50% of Trimethoprim and 70% of Sulfamethoxazole are bound to protein in the blood.

THERAPEUTIC ACTION

TRIZOLE® 400 mg/80mg per 5 mL Suspension interferes with two consecutive steps in folic acid metabolism found essential for growth and multiplication of bacteria. Sulfamethoxazole inhibits the utilization of p-aminobenzoic acid in the synthesis of dihydrofolic acid. Trimethoprim, on the other hand, blocks the conversion of dihydrofolic acid to tetrahydrofolic acid by inactivating the enzyme dihydrofolate reductase. Thus, the sequential blockade of the production of tetrahydrofolic acid is bactericidal. Together, they impose stronger "killing action" against the invading pathogens.

TRIZOLE® 400 mg/80mg per 5 mL Suspension, therefore, ensures faster and more complete eradication of microorganisms and prevents the development of bacterial resistance.

TRIZOLE® 400 mg/80mg per 5 mL Suspension is administered twice a day thereby eliminating the cumbersome effects of multiple dosage-dispensation quite common in other preparations. Moreover, it comes in a palatable banana flavor to guarantee completion of the treatment regimen in children.

FORMULATION

Each 5 mL (1 teaspoonful) contains:
Sulfamethoxazole .....400 mg
Trimethoprim ..... 80 mg

DOSAGE/ADMINISTRATION

To be taken orally, every 12 hours. Based on 40mg/kg BW/day of Sulfamethoxazole.
6 mos. to 2 years ..... 1.25 to 2.5 mL (1/4 to 1/2 teaspoonful)
3 to 6 years ..... 2.5 to 5 mL (1/2 to 1 teaspoonful)
7 to 12 years ..... 5 to 7.5 mL (1 to 1 1/2 teaspoonsful)
Or as prescribed by the physician.

INDICATIONS

For infections due to gram-positive and gram-negative bacteria particularly acute and chronic infections of the genitourinary tract-pyelitis, pyelonephritis, cystitis, prostatitis, urethritis; otitis media; and *Pneumocystis carinii* infection.

CONTRAINDICATIONS

Should not be given to patients showing marked liver parenchymal damage, blood dyscrasias, severe renal insufficiency, and those who are hypersensitive to sulfonamides.

PRECAUTIONS

Administer with caution to patients with renal impairment and those with defective folate metabolism.

CAUTION

Foods, Drugs, Devices, and Cosmetics Act prohibits dispensing without prescription.

AVAILABILITY

Trizole® 400mg/80mg per 5 mL Suspension - in amber bottle of 60 & 30 mL.

ALWAYS KEEP CONTAINER TIGHTLY CLOSED.

STORE AT TEMPERATURES NOT EXCEEDING 30°C.

SHAKE WELL BEFORE USING.

Manufactured by
AMHERST LABORATORIES, INC.
UNILAB Pharma Campus, Barangay Mamplasan
Biñan, Laguna, Philippines
for **UNILAB, Inc.**
No. 66 United Street, Mandaluyong City
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