Urufarma

Trimox

COMPOSITION

Trimox:
Each coated tablet contains:
Trimethoprim .....80 mg
Sulfamethoxazole.....400 mg
Excipients .....q.s.

Trimox Forte:
Each coated tablet contains:
Trimethoprim .....160 mg
Sulfamethoxazole.....800 mg
Excipients .....q.s.

DRUG ACTION

Sulfamethoxazole inhibits dihydrofolic acid synthesis by competition with para-aminobenzoic acid. Trimethoprim blocks the production of tetrahydrofolic acid from dihydrofolate by reversible inhibition of dihydrofolate reductase. Thus, the association blocks two consecutive steps of essential DNA and protein biosynthesis in many bacteria.
The result of consecutive blocking is a greatly enhanced action of each compound by the other, and together they show a degree of antimicrobial synergy.

DOSAGE

The trimethoprim-sulfamethoxazole combination acts as an in vitro bactericide against a broad spectrum of gram positive and gram-negative organisms including *Streptococcus, Staphylococcus, Pneumococcus, Neisseria, Escherichia coli, Klebsiella, Proteus spp. Haemophilus, Sallmonella, Shigella, Vibrio cholerae,* and *Bordetella*. This medicine is highly active against *Haemophilus influenzae, E. coli*, and *Proteus spp,* which makes it particularly suitable for the treatment of chronic bronchitis and urinary tract infections.
The action is given by the sequential block of two bacterial enzyme systems at the same metabolic step. This synergy accounts for the high degree of bactericidal activity. In vitro studies have shown that bacterial resistance develops more slowly with the combination than with trimethoprim or sulfamethoxazole taken separately.

PRESENTATION

Trimox: Packs containing 20 coated tablets.
Trimox Forte: Packs containing 10 coated tablets.