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VERSION NO.: 009	PACKAGING MATERIAL SPECIFICATION	SUPERSEDES INS004/008/05.18
COSATRIM PRODUCT INFORMATION LITERATURE INSERT		

CAUTION
Do not make any changes without authorization

INSERT SAMPLE
(Ref. No. INS004/05.18)

Cosatrim®

Sulfamethoxazole
Trimethoprim



1004
Ref. No.:INS004/05.18

Antibacterial

COSATRIM® TABLETS 400:80MG
COSATRIM® DS TABLETS 800:160MG
COSATRIM® PAEDIATRIC DISPERSIBLE TABLETS 100:20MG
COSATRIM® 240 DISPERSIBLE TABLETS
COSATRIM® ORAL SUSPENSION 200:40MG/5ML

PRESENTATION:
Cosatrim® Tablets 400:80mg: White, circular, flat, bevelled-edge tablet embossed 'COSATRIM' on one side and a breakline on the other side. Each tablet contains: Sulfamethoxazole 400 mg and Trimethoprim 80 mg.
Cosatrim® DS Tablets 800:160mg: White, oval shaped biconvex tablet embossed 'COSATRIM DS' on one side and a breakline on the other side. Each tablet contains: Sulfamethoxazole 800 mg and Trimethoprim 160 mg.
Cosatrim® Paediatric Dispersible Tablets 100:20mg: Light orange, circular, flat, bevelled-edge tablet embossed 'C' on one side and a breakline on the other side. Each tablet contains: Sulfamethoxazole 100 mg and Trimethoprim 20 mg.
Cosatrim® 240 Dispersible Tablets: Light orange, circular, flat bevelled edge tablet embossed 'C' on one side and a breakline on the other side. Each tablet contains: Sulfamethoxazole 200 mg and Trimethoprim 40 mg.
Cosatrim® Oral Suspension 200:40mg: Clean, Pink, viscous homogenous suspension free from visible evidence of contamination with fruity odour. Each 5mL contains: Sulfamethoxazole 200 mg and Trimethoprim 40 mg.

CLINICAL PHARMACOLOGY:
Co-trimoxazole is a mixture of the sulfonamide, Sulfamethoxazole and Trimethoprim and has been used in a wide variety of infections due to susceptible organisms, particularly those of the urinary, respiratory and gastro-intestinal tracts. The in vitro bactericidal action of co-trimoxazole is dependant on the presence of methionine, glycine and a purine which allows the inhibition of protein synthesis to be circumvented without antagonisms of the inhibition of DNA synthesis. The bacterial cells then grow without dividing and die.

Pharmacokinetics:
Co-trimoxazole is rapidly and well-absorbed from the gastrointestinal tract and peak plasma concentrations reached between 1 - 4 hours after an oral dose.
When co-trimoxazole is administered by mouth, plasma concentrations of Trimethoprim and Sulfamethoxazole are generally around the optimal ratio of 1:20, although they may vary from 1:20 or 1:30 or more. In urine, the ratio may vary from 1:1 to 1:5 depending on the pH. About 50% Co-trimoxazole is excreted in the urine in 24 hours.

USES:
Cosatrim® is an antibacterial agent. It is effective against a wide range of Gram-positive and Gram-negative organisms. It is of value in the treatment of the following:-
Respiratory Tract: Acute and chronic bronchitis, bronchiectasis, lobar and broncho-pneumonia, pneumocystis carinii, pneumonitis, otitis media and sinusitis.
Genito-Urinary Tract: Urethritis, cystitis, pyelitis, prostatitis, and gonorrhoea.
Gastro-intestinal Tract: Typhoid and paratyphoid fevers, cholera and shigellosis.
Skin Infection: Pyoderma, abscesses and wound infections.
Other bacterial infections: Acute and chronic osteomyelitis, acute brucellosis septicemias and other infections caused by other sensitive organisms.

DOSAGE AND ADMINISTRATION:
Take at regular intervals usually twice a day after meals. Complete the prescribed course unless otherwise directed.
Cosatrim® Dispersible tablets to be dissolved or mixed with water before taking.