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COSMOL PRODUCT INFORMATION LITERATURE INSERT		

CAUTION*Do not make any changes without authorization***INSERT SAMPLE**
(Ref. No. INS013/09.18)**Cosmol®**Paracetamol
Analgesic/AntipyreticCOSMOL® TABLETS 100MG
COSMOL® TABLETS 500MG
COSMOL® SUSPENSION 120MG/5ML**PRESENTATION:**

Cosmol® Tablets 100mg: Pink, circular, flat, bevelled-edge tablet plain on both sides. Each tablet contains: Paracetamol 100mg.
Cosmol® Tablets 500mg: White, circular, flat, bevelled-edge tablet embossed 'COSMOL' on one side and P 500 with a break-line on the other side. Each tablet contains: Paracetamol 500mg.
Cosmol® Suspension 120mg/5mL: Clean, light pink, viscous suspension free from visible evidence of contamination with fruity odour. Each 5mL contains: Paracetamol 120mg.

CLINICAL PHARMACOLOGY:

Paracetamol, a para-aminophenol derivative, has analgesic, antipyretic and weak anti-inflammatory activity. Paracetamol selectively inhibits cyclo-oxygenase enzyme in the brain and spinal cord thus relieving pain and reducing fever without having unwanted gastro intestinal side effects. Paracetamol interferes with nerve conduction and is known to block impulse generations at bradykinin-sensitive chemoreceptors which evoke pain.

Pharmacokinetics:

Paracetamol is readily absorbed from the gastro-intestinal tract with peak plasma concentrations occurring about 10 to 60 minutes after oral doses. Paracetamol is distributed into most body tissues. It crosses the placenta and is present in breast milk. Plasma protein binding is negligible at usual therapeutic concentrations but increases with increasing concentrations. The elimination half-life of paracetamol varies from about 1 - 3 hours. Paracetamol is metabolised predominantly in the liver and excreted in the urine mainly as the glucuronide and sulfate conjugates.

USES:

Cosmol® preparations are recommended for the treatment of most painful and febrile conditions. It relieves headache, backache, toothache, rheumatic, muscle and period pains. Cosmol® helps relieve pain and fever in colds, influenza, sore throat also high body temperature and mild pain due to non-serious arthritis.
 Cosmol® is recommended for the treatment of painful and febrile conditions of childhood such as teething, headache, toothache, earache, general aches and pains, colds, influenza and reactions after immunization and vaccination.

DOSEAGE AND ADMINISTRATION:

Doses to be given 3-4 times a day or as directed by the physician.

Cosmol® 100 Tablets:

Dispersible tablets to be dissolved or mixed with water before taking.

Children: 1 - 5 years: One to two tablets a day.

6 - 9 years: Two to three tablets a day.

Cosmol® Suspension 120mg/5mL:

Children: 6 - 12 years: Two-four spoonfuls (10-20mL) 3 to 4 times a day

1 - 6 years: One - two spoonfuls (5.0-10mL) a day.

3 months - 1 year: Half - one spoonful (2.5-5mL) a day.

Under 3 months: Not recommended