

Ace[®]

Paracetamol

COMPOSITION

Ace[®] IV Infusion: Each 100 ml glass bottle contains Paracetamol EP 1000 mg.

Ace[®] 500 Tablet: Each tablet contains Paracetamol BP 500 mg.

Ace[®] XR Tablet: Each tablet contains Paracetamol BP 665 mg.

Ace[®] Power Tablet: Each tablet contains Paracetamol BP 1000 mg.

Ace[®] 125 Suppository: Each suppository contains Paracetamol BP 125 mg.

Ace[®] 250 Suppository: Each suppository contains Paracetamol BP 250 mg.

Ace[®] 500 Suppository: Each suppository contains Paracetamol BP 500 mg.

Ace[®] Syrup 60 ml: Each 5 ml syrup contains Paracetamol BP 120 mg.

Ace[®] Syrup 100 ml: Each 5 ml syrup contains Paracetamol BP 120 mg.

Ace[®] Suspension 60 ml: Each 5 ml suspension contains Paracetamol BP 120 mg.

Ace[®] Paediatric Drops 30 ml: Each ml drop contains Paracetamol BP 80 mg.

PHARMACOLOGY

Ace[®] is the formulation of Paracetamol (Acetaminophen) which is one of the safest and most widely used analgesic and antipyretic. **Ace[®]** produces analgesic action by elevation of the pain threshold and antipyresis through action on the hypothalamic heat regulating center. **Ace[®]** exerts significantly milder side effects and most unlikely to produce many of the serious side effects associated with aspirin and other NSAIDs.

Paracetamol is rapidly and completely absorbed from the GIT following oral administration and from rectum after rectal administration. The mean half-life of absorption from the upper small intestine is only 7 minutes. The drug is extensively metabolized in the liver and it has a plasma half life of 1.5 to 3.0 hours. Paracetamol is not bound to plasma proteins to any extent.

Paracetamol infusion provides pain relief within 5 to 10 minutes after the start of administration. The peak analgesic effect is obtained in 1 hour and the duration of this effect is usually 4 to 6 hours.

Paracetamol infusion reduces fever within 30 minutes after the start of administration with a duration of the antipyretic effect of at least 6 hours.

INDICATION

- Fever, common cold and influenza.
- Headache, toothache, earache, bodyache, myalgia, dysmenorrhoea, neuralgia and sprains.
- Colic pain, back pain, post-operative pain, postpartum pain, chronic pain of cancer, inflammatory pain, post-vaccination pain and fever of children.
- Rheumatism and osteoarthritic pain.

DOSAGE AND ADMINISTRATION

Dosage form	Age group	Dose	Frequency
Intravenous Infusion	Adults: 13 years and above Weighing >50kg	1000 mg or 650 mg	Every 6 hours or Every 4 hours
	Weighing <50kg	15.0 mg/kg or 12.5 mg/kg	Every 6 hours or Every 4 hours
	Children between 2-12 years	15.0 mg/kg or 12.5 mg/kg	Every 6 hours or Every 4 hours
Tablet	Adults (500 mg)	1 tablet	Every 4-6 hours
	(500 mg)	2 tablets	Every 6 hours
	(665 mg)	2 tablets	Every 6-8 hours
	(1000 mg)	1 tablet	Every 6 hours
Syrup & Suspension	Adults	4- 8 teaspoonful	3 to 4 times daily
	Children: 3 months-1 year	½ to 1 teaspoonful	3 to 4 times daily
	1-5 years	1 to 2 teaspoonful	3 to 4 times daily
	6-12 years	2 to 4 teaspoonful	3 to 4 times daily
Paediatric Drops	0 to 3 months	0.5 ml	4 times daily
	4 to 11 months	1.0 ml	4 times daily
	1 to 2 years	1.5 ml	4 times daily
Suppository	Adults	500-1000mg	2-3 times daily
	Children between 6-12 years	250-500 mg	2-3 times daily
	Children below 5 years	125-250 mg	2-3 times daily

CONTRAINDICATION

Known sensitivity to Paracetamol.

SIDE EFFECT

Side effects are significantly mild, though haematological reactions have been reported. Pancreatitis, skin rashes and other allergic reactions may occur occasionally.

OVERDOSE

Moderate overdose : 6-10 gm/day.

Excessive overdose : More than 10 gm/day.

Symptoms of overdose include pallor, nausea, vomiting, anorexia and abdominal pain. Liver damage may become apparent 12-48 hours after ingestion. In severe poisoning hepatic failure may progress to encephalopathy, coma and death.

USE IN PREGNANCY & LACTATION

Paracetamol is safe in all stages of pregnancy and lactation.

STORAGE

Ace[®] Tablet, Syrup, Suspension & Paediatric drop: Store below 30° C, protect from light.

Ace[®] IV Infusion: Store below 25° C, protect from light & moisture.

Ace[®] Suppository: Store below 25° C, protect from light.

Keep all medicines out of the reach of children.

HOW SUPPLIED

Ace[®] IV Infusion: Each box contains 100 ml injection in a glass bottle.

Ace[®] 500 Tablet: Each box contains 500 tablets in blister pack.

Ace[®] XR Tablet: Each box contains 100 tablets in blister pack.

Ace[®] Power Tablet: Each box contains 200 tablets in blister pack.

Ace[®] 125 Suppository: Each box contains 30 suppositories in blister pack.

Ace[®] 250 Suppository: Each box contains 30 suppositories in blister pack.

Ace[®] 500 Suppository: Each box contains 30 suppositories in blister pack.

Ace[®] Syrup 60 ml: Each box contains 60 ml syrup (with a measuring cup) in sealed cap bottle.

Ace[®] Syrup 100 ml: Each Box contains 100 ml syrup (with a measuring cup) in sealed cap bottle.

Ace[®] Suspension 60 ml: Each Box contains 60 ml suspension in sealed cap bottle.

Ace[®] Paediatric Drops 30 ml: Each Box contains 30 ml Paediatric Drops (with dropper) in sealed cap bottle.

Manufactured by



SQUARE

PHARMACEUTICALS LTD.
BANGLADESH