

**Medicine 1: Paracetamol 500mg**

Purpose: Used to reduce fever and relieve mild to moderate pain

Side effects:

- Nausea
- Skin rash
- Liver toxicity (in high doses)
- Allergic reactions

Drug composition:

- Paracetamol IP 500mg
- Starch
- Povidone
- Magnesium stearate
- Microcrystalline cellulose

Key ingredients:

- Paracetamol
- Acetaminophen
- Excipients Q.S.

Age group: Suitable for adults and children above 6 years

Dosage: 1 tablet every 4–6 hours as needed; maximum 4g per day

Timing: After food

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**Medicine 2: Amoxicillin 500mg**

Purpose: Treats bacterial infections such as throat, chest, ear, and urinary tract infections

Side effects:

- Diarrhea
- Nausea
- Vomiting
- Skin rash
- Yeast infection

Drug composition:

- Amoxicillin Trihydrate equivalent to Amoxicillin 500mg
- Colloidal silicon dioxide
- Sodium starch glycolate
- Magnesium stearate
- Gelatin (capsule shell)

Key ingredients:

- Amoxicillin
- Penicillin derivative
- Excipients Q.S.

Age group: Adults and children over 12 years

Dosage: 1 capsule three times a day for 5–7 days or as directed

Timing: Before or after food

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### **Medicine 3: Cetirizine 10mg**

Purpose: Relieves symptoms of allergies like sneezing, watery eyes, and hives

Side effects:

- Drowsiness

- Dry mouth
- Headache
- Dizziness
- Stomach pain

Drug composition:

- Cetirizine Hydrochloride 10mg
- Lactose monohydrate
- Microcrystalline cellulose
- Hypromellose
- Magnesium stearate

Key ingredients:

- Cetirizine
- Antihistamine base
- Excipients Q.S.

Age group: Adults and children above 6 years

Dosage: 1 tablet once a day

Timing: Preferably at bedtime

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#### **Medicine 4: Pantoprazole 40mg**

Purpose: Used to treat acid reflux, GERD, and stomach ulcers

Side effects:

- Headache
- Diarrhea

- Abdominal pain
- Flatulence
- Joint pain

Drug composition:

- Pantoprazole Sodium Sesquihydrate equivalent to Pantoprazole 40mg
- Crospovidone
- Hypromellose
- Sodium carbonate
- Talc

Key ingredients:

- Pantoprazole
- Proton pump inhibitor base
- Excipients Q.S.

Age group: Adults and children over 12 years

Dosage: 1 tablet daily or as prescribed

Timing: 30 minutes before breakfast

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#### **Medicine 5: Metformin 500mg**

Purpose: Helps control blood sugar levels in people with type 2 diabetes

Side effects:

- Nausea
- Vomiting
- Diarrhea

- Abdominal discomfort
- Metallic taste
- Vitamin B12 deficiency (long-term use)

Drug composition:

- Metformin Hydrochloride 500mg
- Povidone
- Magnesium stearate
- Cellulose
- Sodium starch glycolate

Key ingredients:

- Metformin
- Biguanide compound
- Excipients Q.S.

Age group: Adults and adolescents above 10 years

Dosage: 500mg twice daily or as advised by physician

Timing: With meals