

**\*\*Fexofenadine is a non-drowsy antihistamine used to treat seasonal allergies and chronic hives. It blocks histamine receptors without affecting the brain, making it less sedating than older antihistamines.\*\***

---

## **## 🧪 Chemical Composition**

- **Active Ingredient:** \*Fexofenadine hydrochloride\*
- **Molecular Formula:** C<sub>32</sub>H<sub>39</sub>NO<sub>4</sub> · HCl
- **Drug Class:** Second-generation antihistamine (selective H1-receptor antagonist)
- **Formulations:**
  - Tablets: 120 mg, 180 mg
  - Oral suspension: 30 mg/5 mL
  - Orally disintegrating tablets (ODT): 30 mg

---

## **## 💊 Dosage & Administration**

- **Route:** Oral
- **Typical Adult Dosage:**
  - \*Seasonal allergic rhinitis\*: 120 mg once daily
  - \*Chronic urticaria (hives)\*: 180 mg once daily
- **Pediatric Dosage:**
  - Children 6-11 years: 30 mg twice daily
  - Children 2-5 years: 15-30 mg twice daily (oral suspension)
- **Administration Tips:**
  - Take with water (not fruit juice, which may reduce absorption)
  - Can be taken with or without food

---

## **## 🌱 Medical Uses**

- **Primary Indications:**
  - \*Seasonal allergic rhinitis\* (hay fever)
  - \*Chronic idiopathic urticaria\* (long-term hives)
- **Mechanism of Action:**
  - Blocks peripheral H1 histamine receptors, reducing symptoms like sneezing, itching, and runny nose
  - Does not cross the blood-brain barrier significantly, minimizing sedation

---

## **## 🚑 Side Effects**

- \*\*Common:\*\***
- Headache
  - Drowsiness (less than older antihistamines)
  - Nausea
  - Dizziness

**\*\*Less Common but Serious:\*\***

- Allergic reactions (rash, swelling, difficulty breathing)
- Muscle pain
- Fever
- Irregular heartbeat (rare)

---

## ## ☈ Risks & Precautions

- **Contraindications:**
  - Known allergy to fexofenadine or any component
- **Pregnancy & Breastfeeding:**
  - Generally considered safe; consult a healthcare provider
- **Drug Interactions:**
  - Avoid taking with fruit juices (e.g., orange, grapefruit)
  - May interact with antacids containing aluminum or magnesium
- **Special Caution:**
  - Use with care in patients with kidney disease

---

## ## ☺ Patient Feedback & Complaints

### \*\*Positive Feedback:\*\*

- Fast and effective relief from allergy symptoms
- Minimal drowsiness compared to older antihistamines
- Suitable for long-term use

### \*\*Common Complaints:\*\*

- Headache or mild dizziness
- Reduced effectiveness when taken with fruit juice
- Occasional dry mouth or fatigue
- Some users report it's less effective for severe allergies

---

## ## 📊 Summary Table

Category	Details
Drug Name	Fexofenadine
Active Ingredient	Fexofenadine hydrochloride
Use	Allergic rhinitis, chronic hives
Dosage (children)	120–180 mg once daily (adults); 30 mg twice daily
Common Side Effects	Headache, nausea, dizziness, mild drowsiness

Serious Risks	Allergic reaction, irregular heartbeat, muscle pain
Patient Feedback	Effective, non-drowsy; mild headache, juice interaction
Contraindications	Allergy to fexofenadine, caution in kidney disease

Sources:

- [Drugs.com overview of Fexofenadine](<https://www.drugs.com/fexofenadine.html>)
- [Medicover Hospitals - Fexofenadine Hydrochloride](<https://www.medicoverhospitals.in/articles/fexofenadine-hydrochloride-tablets-uses>)
- [Practo - Fexofen 180 MG Tablet](<https://www.practo.com/medicine-info/fexofen-180-mg-tablet-17648>)

---