

# Soliturn 5 Tablet

## Solifenacin (5mg) Tablet

**Category:** Antimuscarinic / Anticholinergic  
**Dosage Form:** Oral Tablet

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### Description:

Solifenacin is an antimuscarinic medication that works by relaxing the muscles of the bladder, thereby reducing the urgency and frequency of urination. It is used to treat symptoms of overactive bladder (OAB), which include urinary frequency, urgency, and urge incontinence (involuntary leakage of urine). By blocking muscarinic receptors in the bladder, Solifenacin helps to reduce muscle contractions and improve bladder control.

Solifenacin 5mg is typically prescribed when the patient's symptoms are mild to moderate. This medication can help reduce the need to urinate frequently and helps control episodes of urinary incontinence caused by overactive bladder syndrome.

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### Composition (Per Tablet):

- Solifenacin Succinate (Equivalent to Solifenacin): 5mg
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### Indications:

Solifenacin is indicated for the treatment of:

### 1. Overactive Bladder (OAB):

- To treat symptoms of urinary urgency, frequency, and urge incontinence.

### 2. Bladder Dysfunction:

- In conditions that cause involuntary contractions of the bladder, such as neurogenic bladder, to reduce the need for frequent urination and to control bladder leakage.
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### Dosage and Administration:

- **Adults:**
  - The recommended dose is 5 mg once daily, taken orally.
  - The dose may be increased to 10 mg once daily based on individual response and tolerance, but the maximum recommended dose is 10 mg per day.
- **Elderly or Renally Impaired Patients:**
  - In patients with moderate renal impairment or those who are elderly, a starting dose of 5 mg is recommended. The dose should be adjusted based on individual response.
- **Administration:**
  - Solifenacin tablets should be taken once a day with or without food. The tablets should be swallowed whole with water. Do not crush or chew the tablets.

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## Warnings and Precautions:

### 1. Urinary Retention:

- Solifenacin may increase the risk of urinary retention, particularly in patients with a history of bladder outlet obstruction or those with an enlarged prostate.

### 2. Gastrointestinal Issues:

- Caution should be exercised in patients with a history of gastrointestinal obstruction or slow gastric emptying.

### 3. Cognitive Impairment:

- Anticholinergic effects like dry mouth, blurred vision, constipation, and confusion may occur, particularly in elderly patients. These effects should be monitored, especially in older adults.

### 4. Angle-closure Glaucoma:

- Solifenacin may cause an increase in intraocular pressure and should be used with caution in patients with glaucoma or a family history of glaucoma.

### 5. Hepatic and Renal Impairment:

- In patients with liver or kidney dysfunction, the dose should be carefully monitored or reduced, and the medication should be used with caution.

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## Adverse Effects:

### Common Side Effects:

- Dry mouth
- Constipation
- Blurred vision
- Dizziness

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## Mechanism of Action:

Solifenacin is a selective muscarinic receptor antagonist that works by blocking the action of acetylcholine (a neurotransmitter) on muscarinic receptors in the bladder. By inhibiting these receptors, Solifenacin reduces the activity of the bladder muscle, leading to:

- Decreased urinary urgency and frequency.
- Reduced episodes of urge incontinence.
- Improved bladder storage capacity.

Solifenacin primarily affects the bladder, and it has a relatively low potential for causing side effects related to other muscarinic receptors in the body.

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## Contraindications:

Solifenacin should not be used in patients with:

- Hypersensitivity to Solifenacin or any of its components.
  - Urinary retention (inability to empty the bladder completely).
  - Severe gastric retention (slowed stomach emptying).
  - Uncontrolled narrow-angle glaucoma (a condition that increases eye pressure).
  - Severe liver impairment.
  - Severe renal impairment (when creatinine clearance is less than 30 mL/min).
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- Headache
- Urinary tract infection (UTI)

monitored for any changes in bleeding patterns.

### Serious Side Effects:

- Cognitive effects (confusion, memory issues)
- Severe allergic reactions (rash, itching, swelling, difficulty breathing)
- Increased intraocular pressure (may be a concern in glaucoma patients)
- Difficulty urinating or urinary retention

**Note:** Most side effects are mild and related to its anticholinergic action. If serious reactions occur, medical attention should be sought immediately.

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### Drug Interactions:

- **CYP3A4 Inhibitors:**
  - Concomitant use with strong CYP3A4 inhibitors (e.g., ketoconazole, itraconazole, clarithromycin) may increase Solifenacin plasma concentrations, increasing the risk of side effects. Dose adjustment may be necessary.
- **Other Anticholinergics:**
  - Using Solifenacin together with other anticholinergic drugs (e.g., antihistamines, antidepressants, antipsychotics) may increase the risk of side effects like dry mouth, constipation, and blurred vision.
- **Warfarin (Blood Thinner):**
  - No significant interactions have been noted with warfarin, but patients should still be

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### Storage Instructions:

- Store at room temperature (15°C – 30°C).
- Keep in the original packaging to protect from moisture.
- Keep out of reach of children.

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### Key Points for Use:

- Solifenacin is an effective treatment for overactive bladder, helping reduce symptoms of urgency and incontinence.
- The tablet should be taken once daily with or without food.
- Monitor for side effects such as dry mouth, constipation, or blurred vision.
- Avoid overuse and consult a healthcare provider if symptoms persist or worsen.
- Patients with severe kidney or liver disease should use this medication with caution, and dose adjustments may be needed.

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