

# Soliturn 10 Tablet

## Solifenacin (10mg) Tablet

**Category:** Antimuscarinic / Anticholinergic

**Dosage Form:** Oral Tablet

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### Description:

Solifenacin (10mg) is an antimuscarinic medication used to treat the symptoms of overactive bladder (OAB), such as urinary urgency, frequency, and urge incontinence. It works by relaxing the bladder muscles and reducing the involuntary contractions of the bladder that cause these symptoms. Solifenacin selectively blocks muscarinic receptors, especially the M3 receptor subtype found in the bladder, without significantly affecting other muscarinic receptors in the body, which helps to minimize side effects.

This higher-dose 10mg tablet is generally prescribed for patients whose symptoms are more severe or who do not respond adequately to the 5mg dose. Solifenacin helps improve bladder control and quality of life in individuals suffering from overactive bladder syndrome (OAB).

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### Composition (Per Tablet):

- Solifenacin Succinate (Equivalent to Solifenacin): 10mg
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### Indications:

Solifenacin is indicated for the treatment of:

#### 1. Overactive Bladder (OAB):

- Symptoms include urinary urgency, frequency, and urge incontinence (involuntary leakage of urine).

#### 2. Neurogenic Bladder Dysfunction:

- In conditions like neurogenic bladder (bladder dysfunction due to nerve issues), to manage overactive bladder symptoms.

#### 3. Bladder Control Issues:

- To manage involuntary bladder contractions and reduce the frequency of urination and incontinence in patients with overactive bladder conditions.
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### Dosage and Administration:

#### • Adults:

- The recommended starting dose for most patients is 5 mg once daily.
- In patients who require a higher dose or who do not experience sufficient relief from the 5 mg dose, the dose can be increased to 10 mg once daily.
- Maximum dose: 10 mg per day.

#### • Elderly or Renally Impaired Patients:

- For those with moderate renal impairment or the elderly, the starting dose should be 5 mg. If needed, this dose can be increased to 10 mg, based on individual response.

#### • Administration:

- Take the tablet once daily with or without food. Swallow the tablet whole with water. Do not chew or crush the tablet.

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## **Mechanism of Action:**

**Solifenacin is a selective muscarinic receptor antagonist. It blocks the action of acetylcholine on muscarinic receptors (specifically the M3 receptors) in the bladder. By doing so, it:**

- **Reduces muscle contractions of the bladder, thereby reducing urgency and frequency.**
- **Helps increase bladder capacity and decrease the involuntary leakage of urine (urge incontinence).**
- **Improves bladder control and reduces discomfort associated with overactive bladder syndrome.**

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## **Contraindications:**

**Solifenacin should not be used in patients with:**

- **Hypersensitivity to Solifenacin or any of its components.**
- **Urinary retention (difficulty or inability to urinate).**
- **Severe gastric retention (slowed stomach emptying).**
- **Uncontrolled narrow-angle glaucoma (a condition that increases intraocular pressure).**
- **Severe hepatic impairment (liver dysfunction).**
- **Severe renal impairment (when creatinine clearance is less than 30 mL/min).**
- **Myasthenia gravis (a neuromuscular disorder).**

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## **Warnings and Precautions:**

### **1. Urinary Retention:**

- **Solifenacin should be used with caution in patients with conditions that could lead to urinary retention (e.g., bladder outlet obstruction, enlarged prostate).**

### **2. Gastrointestinal Issues:**

- **It should be used cautiously in individuals with gastrointestinal disorders that affect motility (e.g., constipation, gastric retention).**

### **3. Angle-closure Glaucoma:**

- **Solifenacin can increase intraocular pressure and should be used with caution or avoided in patients with glaucoma or at risk for developing it.**

### **4. Cognitive Effects:**

- **Anticholinergic side effects such as memory impairment, confusion, or hallucinations may occur, especially in older adults.**

### **5. Renal and Hepatic Impairment:**

- **In patients with liver or kidney disease, dose adjustments may be required. Use with caution in patients with severe renal or hepatic dysfunction.**

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## **Adverse Effects:**

### **Common Side Effects:**

- **Dry mouth**
- **Constipation**
- **Blurred vision**
- **Dizziness**
- **Headache**
- **Urinary tract infection (UTI)**

### **Serious Side Effects:**

- **Cognitive effects (confusion, memory loss, hallucinations)**
- **Severe allergic reactions (rash, itching, difficulty breathing)**

- Increased intraocular pressure (may exacerbate glaucoma)
  - Difficulty urinating or urinary retention
  - Severe gastrointestinal symptoms (nausea, vomiting, abdominal discomfort)
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#### Drug Interactions:

- **CYP3A4 Inhibitors:**
    - The use of strong CYP3A4 inhibitors (e.g., ketoconazole, itraconazole, clarithromycin) may increase Solifenacin plasma concentrations. Dose reduction may be necessary.
  - **Other Anticholinergic Medications:**
    - Combining Solifenacin with other anticholinergic drugs (e.g., antihistamines, antipsychotics) can increase the risk of anticholinergic side effects such as dry mouth, constipation, and blurred vision.
  - **Warfarin:**
    - No significant interactions have been noted with warfarin, but patients should be monitored for any changes in bleeding patterns.
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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 such as urgency, frequency, and incontinence.

- Take once daily with or without food.
- Monitor for side effects such as dry mouth, constipation, and 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 necessary.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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