

INDICATIONS

ZOMACTON is a recombinant human growth hormone (GH) indicated for the treatment of pediatric patients with:

- growth failure due to inadequate secretion of endogenous GH
- short stature associated with Turner syndrome
- idiopathic short stature (ISS)
- short stature or growth failure in short stature homeobox-containing gene (SHOX) deficiency
- short stature born small for gestational age (SGA) with no catch-up growth by 2 to 4 years

ZOMACTON is also indicated for the replacement of endogenous GH in adults with GH deficiency

IMPORTANT SAFETY INFORMATION

Contraindications

ZOMACTON is contraindicated in patients with:

- Acute critical illness
- Pediatric patients with Prader-Willi syndrome who are severely obese, have a history of upper airway obstruction or sleep apnea, or have severe respiratory impairment due to the risk of death.
- Active malignancy.
- Hypersensitivity to ZOMACTON, its excipients, or diluents.
- Active proliferative or severe non-proliferative diabetic retinopathy.
- Pediatric patients with closed epiphyses.

Warnings and Precautions

- **Increased Risk of Neoplasm:** Second neoplasms have occurred in childhood cancer survivors. Monitor patients with preexisting tumors for progression or recurrence.
- **Glucose Intolerance and Diabetes Mellitus:** ZOMACTON may decrease insulin sensitivity, particularly at higher doses. Monitor glucose levels periodically, especially in patients with existing diabetes mellitus or at risk for development.
- **Intracranial Hypertension (IH):** Has been reported usually within 8 weeks of initiation. Perform fundoscopic examinations prior to initiation and periodically thereafter. If papilledema occurs, stop treatment.
- **Hypersensitivity:** Serious hypersensitivity reactions may occur, seek prompt medical attention.
- **Fluid Retention:** May occur in adults and may be dose dependent.
- **Hypoadrenalism:** Monitor patients for reduced serum cortisol levels and/or need for glucocorticoid dose increases in those with known hypoadrenalism.
- **Hypothyroidism:** Monitor thyroid function periodically as hypothyroidism may occur or worsen after initiation of somatropin.

- **Slipped Capital Femoral Epiphysis in Pediatric Patients:** May occur; evaluate patients with onset of a limp or hip/knee pain.
- **Progression of Preexisting Scoliosis in Pediatric Patients:** Monitor patients with scoliosis for progression.
- **Pancreatitis:** Has been reported; consider pancreatitis in patients with abdominal pain, especially pediatric patients.
- **Risk of Serious Adverse Reactions in Infants due to Benzyl Alcohol Preservative:** Serious and fatal adverse reactions can occur in neonates and infants treated with benzyl alcohol-preserved drugs, including the diluent for ZOMACTON 5 mg. If administering ZOMACTON 5 mg to infants, reconstitute with 0.9% sodium chloride injection.

Adverse Reactions

Common adverse reactions reported include: upper respiratory infection, fever, pharyngitis, headache, otitis media, edema, arthralgia, paresthesia, myalgia, carpal tunnel syndrome, peripheral edema, flu syndrome, hypothyroidism, hyperglycemia, and impaired glucose tolerance.

Drug Interactions

- **Glucocorticoids:** Patients treated with glucocorticoids may require an increased dose.
- **Pharmacologic Glucocorticoid Therapy and Supraphysiologic Glucocorticoid Treatment:** Adjust dosing in pediatric patients to avoid hypoadrenalism or an inhibitory effect on growth.
- **Cytochrome P450-Metabolized Drugs:** Monitor carefully if used with ZOMACTON as clearance may be altered.
- **Oral Estrogen:** Larger doses of ZOMACTON may be required.
- **Insulin and/or Other Hypoglycemic Agents:** Dose adjustment may be required.

Use in Specific Populations

- **Pregnancy and Lactation:** If ZOMACTON 5 mg is needed, reconstitute with 0.9% sodium chloride injection or use the ZOMACTON 10 mg benzyl alcohol-free formulation.

Please see accompanying Full Prescribing Information for ZOMACTON®.

ZOMACTON®
(somatropin) for Injection
5mg and 10mg