



**Premi-SCORP (Scorpion Venom Antiserum I.P.) is indicated for stings caused by *Buthus tamulus* (Red Scorpion) when patient presents with one or more of following clinical signs of envenomation**

- 1. Pain, Tingling numbness and restlessness**
- 2. Profuse sweating**
- 3. Priapism in males**
- 4. Increased salivation**
- 5. Nausea and Vomiting**
- 6. Transient hypertension followed by hypotension**
- 7. Tachycardia and signs of circulatory failure**
- 8. Pulmonary edema**

#### **Dosage and administration:**

The signs and symptoms vary considerably depending upon season of the year, age and weight of the patient, However, it is recommended to administer initial dose of 4-6 vials of Scorpion Venom Antiserum by slow i.v. infusion after dilution with Normal /glucose saline (5-10 ml/kg body weight). Constant monitoring of the vital signs at frequent intervals during initial 1 hour is recommended. Requirement of further dosing depends on extent of reversal of symptoms. Intramuscular or local administration around the bite wound is not recommended. In the majority of cases, total dose of 4-6 vials is adequate except in late reported cases, severe envenomation and in adults. In such a scenario, further doses can be given as per clinical condition of the patient where up to 12 vials may be needed. **Hypersensitivity skin test has no predictability value and hence should not be used.**

#### **Supportive Treatment:**

Dopamine or dobutamine drip in 5% glucose (5 to 7 mcg/kg/minute) may be simultaneously given to maintain the blood pressure. If the patient presents with the hypertension during the initial phase of transient hypertension, give Tab. Prazosin 500 mcg for pediatric patients and 1mg for adult patients as a single dose. Frusemide 10-20mg, aminophylline 5mg/kg and oxygen can be administered for pulmonary edema. IV fluids (Ringer Lactate) can be given if there is severe perspiration leading to dehydration.

#### **Presentation:**

Premi-SCORP is supplied in 20 ml glass vial with 10 ml sterile water for injection as diluent. Withdraw diluent in 10 ml sterile syringe and insert needle through vial stopper and inject in the powder. Mix the contents gently by swirling action and avoid vigorous shaking. It should be used as soon as possible after reconstitution.

#### **Storage:**

Lyophilized Premi-SCORP is stable at room temperature and does not require special storage facilities. Ideally, it should be stored in a cool place. Do not expose to excessive heat. Reconstituted liquid Premi-SCORP should be used immediately.

**Shelf life:** Four years

