



CLINICAL TOXINOLOGY RESOURCES

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Antivenom Details

Antivenom Name: Polyvalent Anti Snake Venom Serum

Antivenom Type: Snake (SN)

Immunisation Host: Equine (Horse / Mule)

Product Description: Enzyme refined ammonium sulphate precipitated

Source Species: Naja naja , Bungarus caeruleus , Bungarus fasciatus, Daboia russelii russelii , Echis carinatus. Specimens from Kasauli (north India), Kolkatta, Chennai & Parel-Mumbai.

Coverage Species: Naja naja , Bungarus caeruleus , Bungarus fasciatus, Daboia russelii russelii , Echis carinatus. Protection against venom of Ophiophagus hannah, Bungarus fasciatus and probably Calliophis and Hemibungarus species, Indian Trimeresurus species.

Storage (Type): 2 - 8 deg C (liquid) or Cool & dark place (lyophilised)

Administration Route: i.v.

Volume: 10 ml

Initial Dose (Mnfr): Minimum envenoming : 5 vials

Moderate envenoming : 5 to 10 vials

Severe envenoming : 10 to 20 vials

See Guidelines below

Recommended Dose: Minimum envenoming : 5 vials

Moderate envenoming : 5 to 10 vials

Severe envenoming : 10 to 20 vials

See Guidelines below

Local Cost: Liquid : Rs275.00 , Lyophilized : Rs284.00

Storage Life: Liquid: 2 years, Lyophilized: 5 years.

Languages on Label: English

Comments: Snake envenomation:

Mild - Progressive local swelling but no systemic symptoms - Use 5 vials

Moderate - Swelling beyond the bite site, mild systemic symptoms, and / or haematologic and coagulation abnormalities are present - Use 5 to 10 amps

Severe - Rapidly progressive and extensive local effects, systemic symptoms and evidence of haemolysis or coagulopathy - Use 10 to 20 amps

Guidelines:

* In children and small adults (body weight less than 40 kg) up to 50% greater doses of anti snake venom serum should be administered to neutralised the relatively higher venom concentration.

* Anti snake venom serum is administered intravenously either undiluted at the rate of not more than 1 ml per minutes or is diluted in 500 ml of intravenous fluid and administered as rapidly as tolerated over 1.2 hours.

- * Additional infusions containing 5 - 10 vials should be repeated hourly until progressive swelling in the bitten part ceases and systemic signs and symptoms disappear.
- * When an adequate dose is achieved, the improvement in patient's clinical if often dramatic.
- * It is not advisable to infiltrate anti snake venom serum at the local site.

Related Information: Use of Antivenom:

- * Test for sensitivity to the serum should always be done before administration.
- * Anaphylactic reactions can occur during or after treatment even if the hypersensitivity test is negative
- * Anaphylactic reaction can occur even with the test dose.
- * Necessary facilities for management of such cases should always be kept ready.

South African Vaccine Producers (SAVP) Pty Ltd. is a wholly owned subsidiary of the South African Institute for Medical Research (SAIMR)

Cost, postage and handling, shipment information:
Visit www.crikasauli.com to place order directly online

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Antivenom Manufacturer

Manufacturer: Central Research Institute

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Status: Active manufacturer & supplier

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Number of AV: 1

AV Code Nos.: SAsCRI01

[8 antivenoms on record now ceased

IAsCRI02 ; SAsCRI03 ; SAsCRI04;

SAsCRI05 ; SAsCRI06 ; SAsCRI07 ;

SAsCRI08 ; SAsCRI09]

Antivenoms made by this company: Polyvalent Anti Snake Venom Serum (Horse / Mule) [Naja naja , Bungarus caeruleus , Bungarus faciatus, Daboia russelli russelli , Echis carinatus. Protection against venom of Ophiophagus hannah, Bungarus fasciatus and probably Calliophis species, Indian Trimeresurus species.]

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