



Class 3 IFT-Paramedic Treatment Protocol 3501

Antivenin

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This protocol is used when antivenin has been initiated at the sending facility and must be continued during transport. Antivenin may be used in patients with moderate to severe reaction from a venomous snake bite or a severe reaction from a black widow spider envenomation.

Contraindications: Known allergy. The Crotalidae Polyvalent Antivenin, Antivenin Micrurus Fulvius, and the Black Widow Antivenin are derived from horse serum, therefore, allergy to horses and a prior reaction to horse serum derived products are relative contraindications.

A. Perform **Class 3 IFTA Protocol 9203**.

B. Treatment:

1. Maintain infusion rate **ordered by the sending physician**. The IV site should be in the unaffected extremity.
2. Consider aeromedical transport if available to minimize out of hospital time between the sending and receiving facility.
3. Monitor vital signs every 15 minutes if asymptomatic and every 5 minutes if symptomatic. Symptoms may include nausea, vomiting, mental status changes, tachycardia, hypotension, and uncontrolled bleeding.

4. Monitor patient for signs and symptoms of allergic or anaphylactic reaction. If symptoms are present, refer to **Allergic Reaction/Anaphylaxis Protocol 4501** and **contact MCP**.



5. If symptoms progress or systemic symptoms begin or worsen, **contact Medical Command** for further orders or possible ground CCT intercept.





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- C. Antivenin: The following are examples of antivenin agents and their common infusion rates and doses. **Antivenin administration is monitor only for the C3-IFT paramedic.**
1. Antivenin Micrurus Fulvius: (used for coral snake envenomation); 30 to 50 ml slow IV.
 2. Black Widow Antivenin: 1 or 2 vials infused over 30 minutes.
 3. CroFab Immune Fab: 4 to 6 vials IV, repeat 4 to 6 vials in one hour if progression of symptoms continues. Further doses are 2 vials every 6 hours for 3 more doses.
 4. Crotalidae Antivenin Polyvalent: 10 to 20 vials IV drip.