



# Poison HOTLINE

1-800-222-1222

July 2020



### Did you know .....

The FDA recently recalled numerous hand sanitizers manufactured in Mexico that have been found to contain a significant amount of methanol instead of ethanol. Repeated use of these products on the skin may result in methanol toxicity. The highest risk for methanol poisoning from these products is by ingestion.

All persons using these products on the skin are at risk. Young children who accidentally swallow these products and adolescents and adults who drink these products as an alcohol (ethanol) substitute are at the greatest risk for methanol poisoning.

Call the IPCC at **1-800-222-1222** to report a possible exposure to hand sanitizer containing methanol or for current methanol treatment recommendations.

## Antivenom for Venomous Snake Bites

Iowa is home to four native species of venomous snakes: the timber rattlesnake, prairie rattlesnake, copperhead, and massasauga. Patients who need treatment with antivenom are those with either a moderate or severe envenomation, or a mild envenomation with progression.

**Minimal or Mild Envenomation** have (a) swelling, pain and tenderness, confined to the immediate area of the bite, **and** (b) no systemic symptoms **and** (c) no coagulation abnormalities via laboratory or clinical assessment.

**Moderate Envenomation** has (a) swelling, pain and tenderness that extends beyond the immediate bite site but does not involve the entire extremity, **or** (b) non-life threatening systemic symptoms, such as nausea, vomiting, unusual tastes, paresthesia, fasciculations or mild tachycardia, **or** (c) abnormal coagulation studies, such as elevated INR, thrombocytopenia or decreased fibrinogen, but no abnormal bleeding or clotting is present.

**Severe Envenomation** has (a) swelling, pain and tenderness that involves the entire extremity, or extends beyond the bitten extremity, or threatens the airway, **or** (b) systemic symptoms including hypotension, shock, severe tachycardia, respiratory insufficiency, renal failure or severely altered mental status, **or** (c) markedly abnormal coagulation studies or the presence of bleeding or clotting.

There are two FDA approved antivenoms: Fab (CroFab) and F(ab')<sub>2</sub> (Anavip).

Antivenom Dosing	Fab (CroFab) # of vials	F(ab') <sub>2</sub> (Anavip) # of vials
Initial Dose	4-6 vials (range 4-12 vials)	10 vials
Additional dose(s) to achieve initial control	4-6 vials q 1 hour as needed	10 vials q 1 hour as needed
Maintenance dose after initial control achieved	2 vials q 6 hours x 3 doses	None
Additional doses needed for recurrence of symptoms	2 vials (as needed)	4 vials (as needed)

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