

## Appendix H: Differential Diagnosis of Chemical Nerve Agent, Botulinum Toxin and SEB Intoxication following Inhalation Exposure

	<b>Chemical Nerve Agent</b>	<b>Botulinum Toxin</b>	<b>SEB</b>
<b>Time to Symptoms</b>	Minutes	Hours (12-48)	Hours (1-6)
<b>Nervous</b>	Convulsions, Muscle twitching	Progressive paralysis	Headache, Muscle aches
<b>Cardiovascular</b>	Slow heart rate	Normal rate	Normal or rapid heart rate
<b>Respiratory</b>	Difficult breathing, airway constriction	Normal, then progressive paralysis	Nonproductive cough; Severe cases; chest pain/difficult breathing
<b>Gastrointestinal</b>	Increased motility, pain, diarrhea	Decreased motility	Nausea, vomiting and/or diarrhea
<b>Ocular</b>	Small pupils	Droopy eyelids, Large pupils	May see "red eyes" (conjunctival infection)
<b>Salivary</b>	Profuse, watery saliva	Normal; difficulty swallowing	May be slightly increased quantities of saliva
<b>Death</b>	Minutes	2-3 days	Unlikely
<b>Response to Atropine/2PAM-CL</b>	Yes	No	Atropine may reduce gastrointestinal symptoms