



## *The Medical* **Bulletin**

# In Poison

### 2 Types of Snake Bites:-

*Neurotoxic- Cobra, Kraits*  
*Heamatotoxic- Russel Viper*

- Cobra bite produces early neurotoxicity as the toxin mainly acts on post junctional membrane of motor end plate. Recovery from this bite is also rapid due to the site of action of the toxin.
- Whereas, the krait venom mainly acts on the pre-ganglionic (pre synaptic) area, resulting in total destruction of acetylcholine store in the long run. So, the action of toxin is relatively slow (late action) and recovery is also late (due to destruction of formed acetylcholine). In addition, the krait venom is 10 times more lethal than cobra.
- As there is no definite signs in Russel Viper envenomation (apart from 20 WBCT positivity, bleeding manifestation – which occurs late), GI Symptoms is most prominent. If any patient with history of snake bite present with vomiting and diarrhoea, consider Ruseel viper envenomation

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