



# POISONING, SNAKE BITES, BEE STINGS, DRUG OVERDOSE

Emergency and Critical Care



# Objectives

- Describe the management of the patient with Snake bite and Bee sting.
- Describe sign and symptoms of Bee stings and snake bites



# Snake bites Do's and Don'ts



## SNAKE BITES: DO'S AND DONT'S

- ✓ Stay calm.
- ✓ Call 911 immediately to be evaluated.
- ✓ Take off anything constricting the area, such as a ring or watch.
- ✓ Position the affected area at or above heart level. If you are bitten on the hand, bring it to heart level, and if you're bitten on the leg or foot, elevate it if possible.
- ✓ Go to the emergency room – the sooner the better.
- ✗ Don't apply a tourniquet or a constriction band.
- ✗ Don't apply ice; it can cause local tissue damage.
- ✗ Don't apply heat.
- ✗ Don't cut the affected area and attempt to suck the venom out.
- ✗ Don't use a commercially-available extraction device.
- ✗ Don't use electrical therapy.
- ✗ Don't apply any type of lotions or ointments.

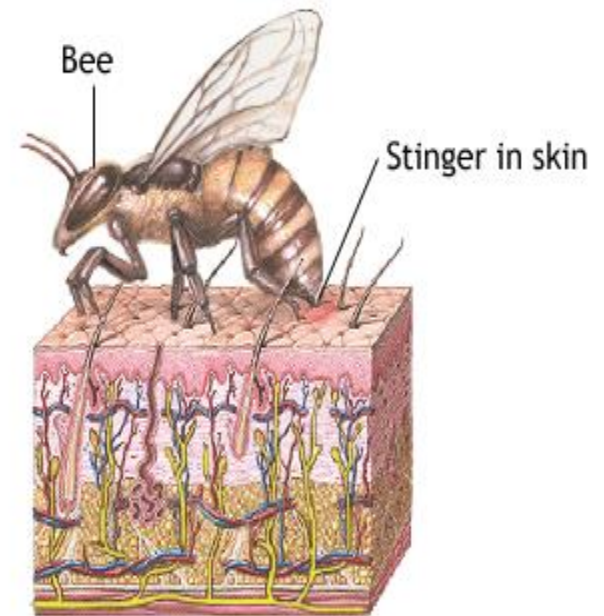
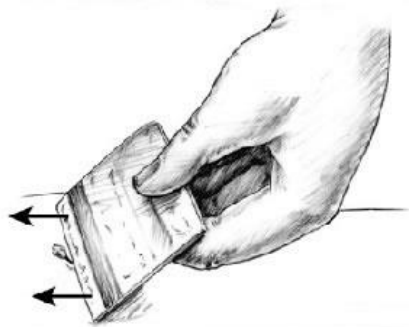
SOURCE: DR. SPENCER GREENE, DIRECTOR OF MEDICAL TOXICOLOGY AND ASSISTANT PROFESSOR OF MEDICINE – EMERGENCY MEDICINE AT BCM



# Bee stings

- Sign and symptoms:  
pain, swelling, redness, and itching  
Have chest tightness and a feeling of tightness in the  
throat -> **DANGER!**

If there is a stinger in the skin,  
remove it gently.



# Bee stings

- Management:

Wash the area with water (and soap)

Apply ice to help relieve itching, swelling, and pain

Cortisone cream, antihistamine cream

**Watch ABC's!**



# Conclusion

## Assessment

- ABC's -> Anaphylactic shock!
- What is the substance : Swallowed, Absorbed, inhaled
- Time
- How much/how many

## Management

- ABC's management
- IV Fluid
- Gastric Lavage
- Hemodialysis
- Medication: Antidote, antivenin, kalmethasone, epinephrine,
- Wound Care



# References

- American red cross. (2017). Poisoning Safety & First Aid retrieved from <http://www.redcross.org/get-help/how-to-prepare-for-emergencies/types-of-emergencies/poisoning>
- Perez, E. (2013). Poisoning first aid. Retrieved from <http://www.umm.edu/health/medical/ency/articles/poisoning-first-aid>
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- <http://www.poison.org/first-aid>
- <https://www.betterhealth.vic.gov.au/health/healthyliving/drug-overdose>

