

## Spider Bites & Scorpion Stings, an Emergency Medical Services Perspective

presented 26th March 2025

Jonathan is Southern Africa's leading authority on spider bites and scorpion stings. He is a best selling author, international speaker and award-winning conservationist. Jonathan consults for poison information helplines, medical organisations and academic institutions, and speaks and is a panel member at medical conferences. His work has inspired a generation, and has shaped our understanding of spider bites and scorpion stings across southern Africa.

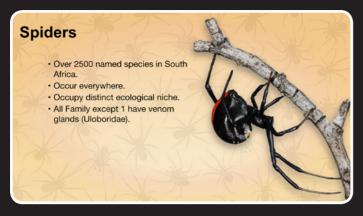


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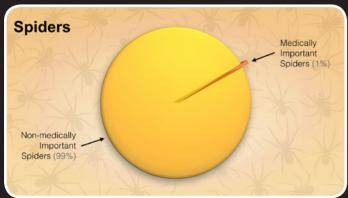
























## Spider Bite Misdiagnosis Bacterial Staphylococcus infection. Streptococcus infection. Ganococcal arthritis dermatikis. Cutaneous anthrax. Reaction to drugs Warfarin poisoning. Viral Infected herpes simplex. Chronic herpes simplex. Varicella zoster (shingles). Underlying diseases Diabetic ulcers. Vascular disorders Focal vasculitis Focal



















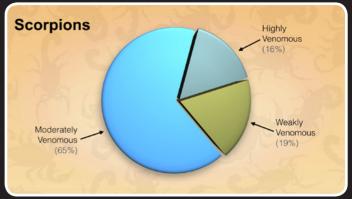


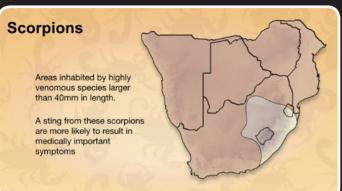












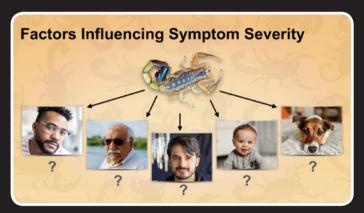


## **Medical Management Scorpion Stings**

- · Avoid atropine for secretions worsens tachycardia.
- · Tetanus prophylaxis (if >5 years since last dose).
- Pain relief: Paracetamol; IV calcium gluconate (muscle cramps).
- · No alcohol post-envenomation.
- Monitor: Cardiac dysrhythmias & pancreatitis development.

Patients should be hospitalized, and special care should be taken with children, with admissions for at least 12 hours post sting in asymptomatic children.















## **Thank You!**

A big thank you for attending my online presentation on the 26th March 2025. I hope it developed a deeper understanding and sparked an interest for venomous animal bites and stings. I mentioned some links to further resources during my presentation. Please see below for these links.

- Spider bite & scorpion sting resources <a href="https://scorpions.co.za/eswatini/">https://scorpions.co.za/eswatini/</a>
- Spdier bite & scorpion sting best practices https://scorpions.co.za/snakebite-resources/
- FREE online Essential Scorpion Sting First Response Short course <a href="https://scorpions.co.za/scorpion-sting-first-response-short-course/">https://scorpions.co.za/scorpion-sting-first-response-short-course/</a>
- Essential Scorpion Sting Flrst Response Book overview and resources <a href="https://scorpions.co.za/scorpion-sting-first-response-book/">https://scorpions.co.za/scorpion-sting-first-response-book/</a>

I would love to hear your comments. Please send them to Info@JonathanLeeming.com

