

Week 32 Environmental

1. List seven indications of bites for pressure immobilization technique?

All Australian venomous snakes, including sea snakes

Funnel Web spider bite (and suspected bites)

Mouse spider bites

Any bite in eastern or southern Australia by a "big black spider"

Blue ringed octopus

Cone shell

Bee, wasp and ant stings in allergic individuals

2. Which of the following bites is an indication for PIB?

Jelly fish stings

Redback spider

Fish stings, including stone fish

scorpions, centipedes or beetles

3. What are the anaphylaxis treatment steps for a patient present with bee sting allergy/anaphylaxis?

4. What is the prognosis of a patient with bee swarming?

5. List the effects of a tick bite?

6. What is tick paralysis and what is the management?

7. What is the mechanism of action of the venom of red back spider?

8. What are the symptoms and signs of redback spider envenomation?

9. What is the management of red back spider envenomation?

10. What are the discharge criteria for a patient with red back spider bite?

11. What is the rate of envenomation after funnel web spider bite?

12. What is the mechanism of action of funnel web spider venom?

13. What are the symptoms and signs of funnel web spider envenomation?

14. List your management of funnel web envenomation?

15. List your management for unidentified big black spider bite?

16. What is the most common snake bite and cause of death from snake bite in Aus?

17. Which snake bite is more likely to require antivenom?

Tiger snake

Brown snake

18. What are the major clinical symptoms/signs of brown snake envenomation?

19. What are the clinical features of Tiger snake bite?

20. What are the clinical features of Black snake envenomation?

21. What are the clinical features of Taipan snake envenomation?

22. What are the features of Death adder snake envenomation?

23. What are the different types of coagulopathy with snake bites?

24. Which snakes are producing neurotoxins?

25. Which snakes produce myotoxins?

26. Which snake is most associated with collapse usually within 30 min of the bite?

27. List the important aspects of focus clinical examination of a patient with suspected snake bite?

28. List the likely sequence of appearance of symptoms and signs after snake envenomation?

29. List the essential investigations in a patient with snake envenomation?

30. What are the pros and cons of snake venom detection kit?

31. List the indications of the antivenom in snake envenomation?

32. Which antivenom is indicated in the snake bites in the following areas when the snake is not known?

Tasmania

Victoria and metropolitan Perth

NSW

33. What are the potential complications of antivenom infusion?

34. What are the steps in the management of a patient with suspected snake bite?

35. List your steps in management of a patient critically unwell with envenomation?

36. What is the treatment of established VICC?

37. What is the early indicator of recovering from VICC?

38. What are the symptoms and signs of box jelly fish envenomation?

39. What are the symptoms and signs of Irukandji Syndrome?

40. What are the symptoms and signs of stone fish envenomation and what is treatment?

41. What is the definition of submersion and immersion?

42. List some of the precipitating causes of drowning?

43. What is Orlovski scale ?

44. What are the potential complications with ascent in a diver?

45. What are the differences between AGE and DCS?

AGE and decompression sickness		
Feature	AGE	DCS
Cause		
Dive duration		
Onset		
Symptoms		
Neurological effects		

46. What are the potential ECG changes of hypothermia?

47. List the potential causes of hypothermia?

48. List the severity classification for hypothermia based on temperature?

49. List the general management of hypothermia?

50. List some of the rewarming techniques in a hypothermic patient?

Expected rewarming rates by technique	
Technique	Temp rise / hour (C)

51. List your approach to VF/VT in hypothermic patient?

52. List your management of a patient with hyperthermia?

53. List the causes of collapse in a setting of heavy exertion?

54. What are the common cause of atraumatic sudden death in athletes?

55. List the different types of high-altitude illness?

56. What are the symptoms and signs of AMS?

57. What is the most common cause of death from high altitude illness?

58. At what altitude is HAPE likely?

59. List the symptoms and signs of HAPE?

60. List your management of HAPE?

61. Which of the AC or DC electricity is more likely to cause VF?

62. What is the significance of voltage and amperage in electrical injury?

63. What are the important factors in electrical injury severity assessment?

64. What are the indications for ECG monitoring of an electrical injury victim presenting to emergency ?

65. What is Lichtenberg skin marks pathognomonic for?