

## PHARMACOLOGY - Toxidromes MCQ answers

1. A patient has ingested the nicotine-laced vaping product he bought online. You expect him to suffer all EXCEPT:  
  - A: asystole ✓
  - B: hypertensive crisis
  - C: paralysis
  - D: seizures
  
2. Amphetamine toxicity may result in  
  - A: coagulopathy
  - B: ischaemic stroke ✓
  - C: QT prolongation
  - D: respiratory arrest
  
- 3: A depressed patient has ingested organophosphates. You suspect this toxin because of their  
  - A: bronchoconstriction ✓
  - B: mydriasis
  - C: tachycardia
  - D: urinary retention
  
4. Another patient is brought in with inexplicable collapse. They are unresponsive, apnoea and have miosis. You suspect  
  - A: benzodiazepines
  - B: monoamine oxidase inhibitors
  - C: opioids ✓
  - D: organophosphates
  
5. Tricyclic antidepressant toxicity is related to  
  - A: alpha adrenergic stimulation
  - B: cholinergic stimulation
  - C: H1 receptor antagonism
  - D: sodium channel blockade ✓
  
6. A patient has taken far too many anticholinergic medications. You notice that they are  
  - A: cyanotic
  - B: flushed ✓
  - C: peripherally cold
  - D: sweating profusely
  
7. You are called to a Category 2 at Triage who has fever, muscle rigidity, tachycardia, clonus and agitation. The most likely toxin is  
  - A: atropine
  - B: atypical antipsychotics
  - C: cholinesterase inhibitors
  - D: selective serotonin reuptake inhibitors ✓

8. A gardener has become unwell after spilling chemicals on himself while wearing shorts and a singlet. Which toxin is best absorbed via the skin?
- A: carbamates
  - B: choline esters
  - C: neonicotinoids
  - D: thiophosphates ✓
9. A patient presents with hypertension, tachycardia, non-sustained VT and dilated pupils. He has been using
- A: cocaine ✓
  - B: gamma hydroxybutyrate
  - C: MDMA
  - D: scopolamine
- 10: A gentleman is brought in from under a bridge with coma, visual disturbance and metabolic acidosis. These symptoms are typical of poisoning with
- A: acamprosate
  - B: barbiturates
  - C: ethylene glycol
  - D: methanol ✓