

## STUDY POINTS

# Clinical Assessment

---

*MyToxCert study points can be used to focus areas of study and preparation. The study point does not contain specific information that would lead you to the diagnosis or correct answer but would instead direct you to learning and reference materials.*

### ***Clinical Assessment Study Points***

#### **Physical Examination Findings**

- Etiology of nystagmus
- Management of status epilepticus
- Differential diagnosis of myoclonus

#### **Drugs of Abuse and Recreation**

- Recognition and management of methamphetamine toxicity
- Complications of MDMA use
- Features of hallucinogen persisting perception disorder (HPPD)
- Recognition and management of sedative/hypnotic toxicity
- Mechanisms of abused inhalant chemicals
- Indications for hemodialysis in barbiturate toxicity
- Psychoactive components of drugs of abuse
- Contaminants and adulterants of drugs of abuse
- Pharmaceutical diluents and additives

### **Mechanisms and Adverse Effects**

- Drug-receptor interactions among sedative-hypnotics
- Pharmacokinetics of sedative-hypnotics
- Mechanism of non-benzodiazepine sleep aids
- Bupropion toxicity
- Serotonin toxicity (serotonin syndrome)
- Mechanism of action of antipsychotics
- Dissociative agents

### **Plant and Animal Toxins and Toxicity**

- Crotalinae venom components
- Toxicity of venomous lizards
- Spider envenomation
- Manifestations of cutaneous marine envenomations

### **Additional Topics**

- Indications for multiple-dose activated charcoal
- Indications for flumazenil
- Treatment of chemotherapy induced vomiting
- Risk of suicidality with antidepressants
- Biological weapons
- Recognition and treatment of phosgene toxicity