

STUDY POINTS

Therapeutics

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.

Therapeutics Study Points

Decontamination and Detoxification

- Hospital-based decontamination and personal protective equipment
- Dermal exposure to toxicants and dermal decontamination
- Evidence supporting gastrointestinal decontamination
- Activated charcoal and pharmacokinetics
- Internal decontamination of radiation exposures
- Multidose activated charcoal
- Whole bowel irrigation
- Extracorporeal removal of toxins
- Complications of extracorporeal therapy
- Clinical utility of peritoneal dialysis in overdose

Metabolic Correction

- Fluid and electrolyte abnormalities
- Causes of a negative anion gap
- Urinary alkalinization
- Nutritional deficiencies in alcohol use disorder

Antidotes and Reversal Agents

- Antidotes used to treat toxic alcohol toxicity
- Treatment of cardiac glycoside toxicity
- Treatment of methemoglobinemia
- Adverse events associated with chelation agents

Agent-specific Toxicity

- Reversal agents used in antithrombotic toxicity
- Salicylate toxicity
- Drugs acting at the alpha receptor
- Antidysrhythmic drug toxicity
- Consequences of bisphosphonate toxicity
- Chemotherapeutic drugs
- Hydrofluoric acid exposure
- Radiation exposure and incorporation
- Chemotherapeutic infusion extravasation
- Simple asphyxiants
- Indications for the use of Mesna

Additional Topics

- Natural sources of radiation
- Acute radiation syndrome
- Management of radioisotope exposure