

TOXICOLOGY

1. **Drug induced lupus erythematosus is known to be caused by**
 - a. Procainamide
 - b. Methyldopa
 - c. Theophylline
 - d. Halothane
 - e. Phencyclamine

2. **Which of the following is not normally associated with blood dyscrasias as an adverse reaction**
 - a. Chloramphenicol
 - b. Methyldopa
 - c. Isoniazid
 - d. Quinidine
 - e. Penicillin

3. **Which of the following drugs is not normally associated with hepatic toxicity**
 - a. halothane
 - b. isoniazid
 - c. penicillamine
 - d. tetracycline
 - e. chlorpromazine

4. **Gentamicin may cause**
 - a. glomerulonephritis
 - b. pulmonary interstitial fibrosis
 - c. papillary necrosis
 - d. pneumonitis
 - e. tubular necrosis

5. **Which of the following drugs may cause cholestasis**
 - a. Sulphonamides
 - b. Quinidine
 - c. Tetracycline
 - d. Chlorpromazine
 - e. Hydralazine

6. **Flumazenil cannot reverse the action of**
 - a. Phenobarbital
 - b. Meprobate
 - c. Chloral hydrate
 - d. Morphine
 - e. All of the above

7. **Symptoms of withdrawal following sudden cessation of benzodiazepines usually last for**
 - a. 6-8 hours
 - b. 24-48 hours
 - c. 3-5 days
 - d. 7-10 days
 - e. 3-4 weeks

8. A 76yo woman presents feeling generally unwell. $K^+ = 7.4$, Cr = 0.3 and urea = 25. These were all normal 1/12 ago, which drug is the most likely culprit
- Captopril
 - Digoxin
 - Frusemide
 - Verapamil
 - Ranitidine
9. A 43yo woman presents with a petechial rash and platelet count of 8000. Recently received treatment for an ear infection. Which of these agents is likely culprit
- Penicillin
 - Amoxicillin
 - Cotrimoxazole
 - Erythromycin
 - Roxythromycin
10. OD of salicylates leads to all except
- Tinnitus
 - Marked hyperventilation
 - Increased metabolic rate
 - N & V
 - Metabolic alkalosis
11. Which is safe to use in TCA OD
- Phenytoin
 - Flumazenil
 - Quinidine
 - Procainamide
 - None of the above
12. An adolescent girl presents with an acute theophylline OD 4 hours previously, which is least useful
- Haemodialysis
 - α blocker
 - metoclopramide
 - verapamil
 - potassium
13. Hypotension in a theophylline OD is best reversed by
- Methoxamine
 - Esmolol
 - Dobutamine
 - Dopamine
 - Verapamil
14. Which does not cause constipation
- Digoxin
 - Verapamil
 - Imipramine
 - Codeine
 - Chlorpromazine

- 15. A woman is hypertensive with a K of 6.7, which is least likely to have caused this?**
- K supplements
 - ACE inhibitor
 - Fruzemide
 - Spirolactone
 - Suxamethonium
- 16. Which is least likely to cause low phenytoin levels**
- Carbamazepine
 - Non compliance
 - Hypoalbuminaemia
 - Disulfiram
 - Erythromycin
- 17. Which is a wrong S/E match**
- Phenytoin – gum hypertrophy
 - Ethosuximate – hirsutism
 - Phenobarbital – enzyme induction
 - Carbamazepine – ataxia
 - Valproate – idiosyncratic hepatic toxicity
- 18. Pt comes in staggering, agitated and hyperthermic with dilated pupils. Which is the least likely cause**
- Atropine OD
 - Amphetamines
 - Angels trumpet
 - TCA OD
 - Aspirin OD
- 19. Benztropine causes**
- miosis
 - diarrhea
 - confusion
 - bronchorrhoea
 - GI haemorrhage
- 20. β blockers may cause drug interactions through a variety of mechanisms including all of the following except**
- decreasing renal blood flow
 - inducing cytochrome P450
 - slowing the absorption of IM drugs by decreasing CO
 - direct receptor binding site competition
 - decreasing hepatic blood flow
- 21. Examples of pharmacokinetic drug interactions include all except**
- Sulphonamide displacing warfarin from its binding sites
 - Adrenaline added to local anaesthetics
 - Probenacid added to penicillins
 - Sulphonamide added to trimethoprim
 - Barbiturates increasing the hepatic metabolism of paracetamol

22. Ototoxicity occurs with all except

- a. ethacrynic acid
- b. gentamicin
- c. frusemide
- d. allopurinol

23. The most common acute adverse effect of procainamide

- a. bradycardia
- b. pulmonary infiltrates
- c. fever
- d. hypotension
- e. anaphylaxis

24. The CAST trial highlighted the adverse effects of

- a. metoprolol
- b. verapamil
- c. sotalol
- d. flecainide
- e. bretylium

ANSWERS

- 1. A
- 2. C
- 3. C
- 4. E
- 5. D
- 6. E
- 7. B
- 8. A
- 9. C
- 10. E
- 11. A
- 12. B

- 13. C
- 14. A
- 15. C
- 16. D
- 17. B
- 18. E
- 19. C
- 20. B
- 21. D
- 22. D
- 23. D
- 24. D