

Drug interactions

TEST YOUR KNOWLEDGE BY COMPLETING THIS MULTIPLE-CHOICE QUIZ

1. The term 'drug' usually refers to:

- a) Illicit substances only
- b) Medicines used to relieve pain only
- c) Medicines purchased over the counter only
- d) Specific substances or chemicals

2. Which statement is true?

- a) While drug interactions are common and have a direct effect on patients' morbidity and mortality, they can be avoided
- b) Drug interactions are uncommon and do not have a direct effect on patients' morbidity and mortality
- c) Drug interactions are common and can rarely be avoided
- d) Drug interactions are rare and usually involve prescriber error

3. What is the definition of polypharmacy?

- a) A pharmacy that can process multiple prescriptions
- b) The prescribing of multiple concurrent drugs to one individual
- c) A drug that can be taken by multiple routes
- d) A drug that has multiple modes of action

4. Pharmacodynamic drug-drug interactions include:

- a) Additive or synergistic effects
- b) Antagonistic or opposing interactions
- c) Drug or neurotransmitter uptake interactions
- d) All of the above

5. Which type of fruit can occasionally increase the effectiveness of warfarin sodium?

- a) Lemon
- b) Strawberry
- c) Grapefruit
- d) Banana

6. Drugs administered by which route are absorbed through the mucous membranes of the gastrointestinal tract?

- a) Enteral
- b) Intramuscular
- c) Intravenous
- d) Subcutaneous

7. Adsorption can be defined as:

- a) The passing of a liquid through a semi-permeable mucous membrane
- b) The ability of a fabric to take in water
- c) The adhesion of drug molecules to an adsorbent surface
- d) Vaporisation that occurs on the surface of a liquid

8. Which organ of the body are drugs commonly metabolised by?

- a) Pancreas
- b) Heart
- c) Kidneys
- d) Liver

9. A drug may affect the excretion of another drug from the body by:

- a) Altering drug-protein binding
- b) Inhibiting renal tubular secretion
- c) Promoting changes in urinary pH and flow
- d) All of the above

10. The therapeutic concentration range of drugs is also known as the:

- a) Therapeutic window
- b) Therapeutic portal
- c) Therapeutic route
- d) Therapeutic target

How to complete this quiz

This multiple-choice quiz will help you to test your knowledge. It comprises ten questions that are broadly linked to the CPD article. There is one correct answer to each question.

- » You can test your subject knowledge by attempting the questions before reading the article, and then go back over them to see if you would answer any differently.
- » You might like to read the article before trying the questions.

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Further multiple-choice quizzes are available at rcni.com/cpd/test-your-knowledge

This multiple-choice quiz was compiled by Alex Bainbridge

The answers to this multiple-choice quiz are:

1. d 2. a 3. c 4. d 5. c
6. a 7. c 8. d 9. d 10. a

This activity has taken me ___ minutes/hours to complete. Now that I have read this article and completed this assessment, I think my knowledge is:

Excellent Good Satisfactory Unsatisfactory Poor

As a result of this I intend to: _____

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