
ATI PHARMACOLOGY FUNDAMENTALS - ATI

Questions & Answers

A nurse is providing teaching to a client who has peptic ulcer disease and is to start a new prescription for sucralfate. Which of the following actions of sucralfate should the nurse include in the teaching?

- A. Decreases stomach acid secretion
- B. Neutralizes acids in the stomach
- C. Forms a protective barrier over ulcers
- D. Treats ulcers by eradicating H. pylori

A nurse is providing teaching for a client who has multiple sclerosis and a new prescription for methylprednisolone. Which of the following instructions should the nurse include? (SATA)

- A. Blood glucose levels will be monitored during therapy.
- B. Avoid contact with people who have known infections.
- C. Take the medication 1 hr before breakfast.
- D. Decrease dietary intake of foods containing potassium.
- E. Grapefruit juice can increase the effects of this medication.

A nurse is providing discharge teaching about handling medication to a client who is to continue taking oral transmucosal fentanyl raspberry flavored lozenges on a stick. Which of the following information should the nurse include in the teaching?

- A. Chew on the medication stick to release the medication.
- B. Leave the medication stick in on location of the mouth until melted.
- C. Allow the medication 1 hr for analgesia effects to begin.
- D. Store unused medication sticks in a storage container.

A nurse is reviewing the ECG of a client who is receiving IV furosemide for heart failure. The nurse should identify which of the following as an indication of hypokalemia?

- A. Tall, tented T-waves
- B. Presence of U-waves
- C. Widened QRS complex
- D. ST elevation

The nurse is caring for a client who has cancer and is taking oral morphine and docusate sodium. The nurse should instruct the client that taking the docusate sodium daily can minimize which of the following adverse effects of morphine?

- A. Constipation
- B. Drowsiness
- C. Facial flushing
- D. Itching

A nurse is planning care for a client who is receiving mannitol via IV continuous infusion. The nurse should monitor the client for which of the following adverse effects?

- A. Weight loss
- B. Increase intraocular pressure
- C. Auditory hallucinations
- D. Bibasilar crackles *

A nurse is providing teaching to a client who has gastric ulcer and a new prescription for ranitidine. Which of the following instructions should the nurse include?

- A. "Take the medication on an empty stomach for full effectiveness."

Answers For Chapter 51 Pharmacology Fundamentals

A Gutmann



Answers For Chapter 51 Pharmacology Fundamentals:

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physics concept development atomic nucleus and radioactivity 5 5 precisely accurately and thoroughly the very essence and all the fundamental details of the theory and that is a remarkable achievement i have greatly enjoyed reading these books and learned so many new things from them this series of books will remain a permanent source of

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section learning objectives by the end of this section you will be able to do the following describe the structure and forces present within the nucleus explain the three types of radiation write nuclear equations associated with the various types of radioactive decay

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aug 28 2023 radioactivity property exhibited by certain types of matter of emitting energy and subatomic particles spontaneously it is in essence an attribute of individual atomic nuclei radioactive decay is a property of several naturally occurring elements as well as of artificially produced isotopes of the elements

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notes 323 nuclei and radioactivity physics module 7 atoms and nuclei z explain the growth and decay of radioactivity in a sample z calculate the half life and decay constant of a radioactive substance and z explain the uses of radioactivity in various fields 26 1 the atomic nucleus soon after the discovery of nucleus in an atom by rutherford in 1911

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quantum physics yet even though it has only 10⁻¹⁵ of the volume of the atom the nucleus contains more than 99.9% of the mass of the atom the nucleus is very small but very massive that was not predicted try to imagine the surprise and disbelief of scientists in 1911 when ernest rutherford discovered this incredible fact

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concepts essentials of nuclear physics table of isotopes fundamental nuclear models liquid drop shell model concept of radioactive decay radioactive decay modes α β γ and internal conversion and fission excited states in nuclei electromagnetic transitions angular correlations and polarisation

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discusses the discovery of the atom and its parts the development of nuclear fission in laboratories and how nuclear fission can be and has been used for symmetries in atomic nuclei alejandro frank 2008 12 18 symmetries in atomic nuclei aims to present an overview of recent applications of symmetry to the description of atomic nuclei

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over 3 000 different kinds of atomic nuclei have been discovered in elements that span the periodic table yet each one has unique properties some may exist forever others transform within a fraction of a second some can power satellites as they travel to the outer reaches of the solar system others have special properties that allow them to treat different forms of cancer

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radioactivity some nuclides have an atomic nucleus that decays spontaneously without any external influence known as radionuclides they transform themselves into other nuclei ionising radiation is emitted during this process this is known as radioactivity

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it some future development of atomic theory perhaps a modification of the thomson model would most likely yield a causal explanation of radioactivity in terms of the internal structure of the atom

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feb 20 2022 in this chapter the fundamentals of nuclear radioactivity and the nucleus are explored the following two chapters explore the more important applications of nuclear physics in the field of medicine

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nuclear physics is the field of physics that studies atomic nuclei and their constituents and interactions in addition to the study of other forms of nuclear matter nuclear physics should not be confused with atomic physics which studies the atom as a whole including its electrons

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oct 14 2023 properties of nuclear force the overall effect of nuclear forces is attractive nuclear forces are non electrical there is no gravitational force between the nuclear particles nuclear forces are powerful nuclear forces act within a very short range multiples of 10 15 m nuclear forces are charge independent

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atomic physics deals with the atom as a system consisting of a nucleus and electrons nuclear physics deals with the nucleus as a system consisting of nucleons protons and neutrons the main difference is in the scale while the term atomic deals with 1Å 10⁻¹⁰ m where Å is an ångström according to anders jonas Ångström the term