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1. Which adverse effect is associated with long term use of proton pump inhibitors (PPI's)? Osteoporosis
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2. Which of the following actions can help minimize the risk of fractures associated with long-term use of proton pump inhibitors (PPI's)? Encouraging adequate intake and Vitamin D
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3. A pregnant patient with type 2 diabetes is considering Exenatide should be using Exenatide (incretinmimetics) for glycemic control. What advice should the healthcare provider give regarding Exenatide use during pregnancy? avoided during pregnancy
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4. What is the primary mechanism of action of sucralfate in treating ulcers? Creating a protective barrier against acid and pepsin
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5. Which leukotriene receptor antagonist is primarily metabolized by hepatic cytochrome P450 enzymes? Zafirlakast
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6. Why is it necessary to demonstrate the administration of inhaled drugs to patients? To ensure proper usage
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7. A patient with heart failure is interested in using coenzyme Q-10 as a supplement. What should the nurse practitioner inform the patient regarding the effectiveness of coenzyme Q-10 for heart failure? Coenzyme Q-10 has been shown to improve cardiac function in patients with heart failure. It is not a stimulant.
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8. A pregnant woman in her second trimester seeks advice regarding the use of dietary supplements. Which supplement should she avoid due to its potential uterine stimulant effects?



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GI upset

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Which adverse effect is commonly associated with probiotic use?

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10. What is the preferred route of administration for long-term control of asthma with glucocorticoids? Inhalation

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11. A patient with renal impairment requires gout prophylaxis. Which medication should be used with caution in this patient? Allopurinol

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12. What is the primary mechanism of action of loop diuretics like furosemide leading to their diuretic effects? Blockade of sodium and chloride reabsorption

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13. A patient presents with a bottle of herbal supplement and asks the nurse practitioner about its efficacy in reducing menopausal symptoms. The label on the bottle claims "energizes and rejuvenates." According to labeling regulations, which of the following statements would be appropriate to explain to the patient? The supplement is not intended to diagnose, treat, cure or prevent any disease

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14. Which of the following is an example of a leukotriene receptor antagonist used in the management of asthma? Montelukast

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15. Which condition warrants continuous treatment with proton pump inhibitors until symptoms resolve? Zollinger-Ellison syndrome

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16. A patient presents with concerns about her difficulty sleeping. She is currently taking diazepam (Valium) for anxiety. Considering potential interactions, what advice would you give regarding the use of valerian? Valerian should not be combined with diazepam due to the risks of liver injury

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17.

Lorazepam