

**Question 21 – Week of April 30**

Which medication impairs the absorption of cobalamin?

- A. Octreotide
- B. Tetracycline
- C. Phenytoin
- D. Carbamazepine
- E. Proton pump inhibitors

**Answer: E**

PPIs by reducing gastric acid impairs the release of food bound cobalamin. Octreotide is associated with fat malabsorption. Tetracycline has caused calcium malabsorption. Phenytoin can impair folate and calcium absorption. Lastly, carbamazepine can impair folate absorption.

Reference:

Slisenger and Fordtran's (8<sup>th</sup> edition) Chapter 98, p2223.