Continuing Medical Education Questions: August 2016

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Article Title: Post-Colonoscopy Complications: A Systematic Review, Time-Trends and Meta-Analysis of Population-Based Studies

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QUESTIONS:

3. Based on time trend-analysis, which one of the following colonoscopy complications has decreased in prevalence from 2001 to 2015?
   A. Post-polypectomy bleeding
   B. Perforation
   C. Mortality
   D. Infection

1. A 58-year-old man who has a religious objection to blood transfusions consults with you regarding screening colonoscopy. He has declined screening in the past due to concerns about bleeding complications that may require hospitalization and blood transfusion. He is very apprehensive and would like to discuss the risk of post-colonoscopy bleeding.

Which one of the following statistics should you give him to accurately reflect the prevalence of post-colonoscopy bleeding?

A. 0.5/1,000 colonoscopies performed
B. 7.8/1,000 colonoscopies performed
C. 1/1,000 colonoscopies performed
D. 2.6/1,000 colonoscopies performed

2. A 55-year-old woman with no pertinent past medical history comes to you for further evaluation of rectal bleeding. She denies weight loss, abdominal pain, nausea or vomiting. She states in the last year she has noticed blood on the toilet paper associated with difficult bowel movements. She has refused screening colonoscopy in the past due to risk of death with the procedure. After laboratory tests and physical exam, you conclude that she should undergo a colonoscopy. However, she is concerned about dying from the procedure.

Based on this study, which one of the following statistics should you give her to accurately reflect the current mortality rate associated with colonoscopy?

A. 2.9/100,000 colonoscopies
B. 3.2/1,000 colonoscopies
C. 1/1,000,000 colonoscopies
D. 1.2/100,000 colonoscopies