

Question 22 – Week of May 7

The risk of colorectal cancer in ulcerative colitis patient is:

- A. 10 % in 20 years
- B. 20 % in 20 years
- C. 50 % in 20 years
- D. 70% in 20 years

Answer: A

The incidence of colon cancer in UC varies depending primarily on the duration and extent of the disease, but it has been estimated at approximately 7% to 10% at 20 years of disease and as high as 30% after 35 years of disease. Thus, in general, the risk of colorectal cancer may be estimated to increase within the range of 0.5% to 1.0% per year after 8 to 10 years of disease in patients with extensive UC.

References:

1. Lewis JD, Deren JJ, Lichtenstein GR: Cancer risk in patients with inflammatory bowel disease. *Gastroenterol Clin North Am* 1999; 28:459.
2. Feldman: *Sleisenger and Fordtran's Gastrointestinal and Liver Disease*, 9th ed.chapter 112