

Question 31 – Week of June 7

A 42-year-old man who is referred for colorectal cancer screening has a family history of colon cancer diagnosed in his father at age 59, grandfather at age 63, and paternal uncle at age 49. Which statement is false?

- A. Adenomatous polyps in this syndrome may be flat, or slightly raised, and there is a tendency toward right-sided colon cancer.
- B. An autosomal recessive mode of transmission is seen, with a tendency toward multiple malignancies.
- C. Cancers in this syndrome appear 2 decades sooner than the general population.
- D. A variant of this syndrome includes malignancies of the female genital tract.

Answer: B

HNPCC is an autosomal dominant hereditary disorder. The only autosomal recessive colon cancer syndrome is multiple adenoma syndrome (MAP-MYH gene).