

Question 32 – Week of June 14

Which of the following colon cancer syndromes requires the most extensive multi-organ system cancer-screening regimen?

- A. Familial adenomatous polyposis
- B. Peutz Jeghers Syndrome
- C. Juvenile Polyposis Syndrome
- D. Hereditary Non-Polyposis Syndrome

Answer: B

Patients with Peutz Jeghers Syndrome are at increase lifetime risk of multiple cancers: Breast (32-54%), colon (39%), pancreas (36%), stomach 29%, ovarian 21%, small intestine 13%, cervix 10%, uterine 9%, testicular 9%. Overall, PJS patients have a 93% cumulative lifetime cancer risk, and thus require multimodality screening measures. HNPCC (Lynch Syndrome II) only additionally involves the genitourinary tract as well as stomach cancers.