

#### **Question 4 – Week of July 26**

Which of the following is true concerning the use of neoadjuvant chemotherapy in colorectal cancer?

- A. A patient with stage II colon adenocarcinoma warrants local resection with neoadjuvant chemotherapy.
- B. A patient with colon adenocarcinoma with invasion into the bladder wall but no nodal involvement and no metastatic disease should not be considered for local resection and neoadjuvant chemotherapy.
- C. A patient with stage II rectal adenocarcinoma warrants local resection with neoadjuvant chemotherapy.
- D. A patient with stage III rectal adenocarcinoma does not warrant local resection with neoadjuvant chemotherapy.

**Answer: C**

Although neoadjuvant chemotherapy is not routinely recommended for stage II colon cancer, it is recommended in stage II rectal adenocarcinoma. Invasion of colon cancer to the bladder with no nodal involvement and no metastatic disease would make the tumor T4N0M0 (stage IIB), which is an exception warranting neoadjuvant chemotherapy in patients with stage II disease.