

Question 8 – Week of September 24

Which of the following statements regarding IPAA (Ileal pouch anal anastomosis) is false?

- A. Retrograde ejaculation can develop in men after pouch surgery
- B. Dyspareunia can develop in women after pouch surgery
- C. There is reduced fecundity in women after pouch surgery
- D. Routine clinical and endoscopic surveillance should not be performed in patients after their IPAA

Answer: D

Impotence and retrograde ejaculation developed in 1.5% and 4% of men, respectively. Dyspareunia developed in 7% of women postoperatively. A Swedish population-based study demonstrated a significant reduction in fecundity after IPAA. More important, of the post-IPAA patients who became pregnant, 29% of pregnancies occurred only after in vitro fertilization compared with the expected 1% of all births in Sweden during the study period. The basis of this decreased fertility is unknown, but the authors hypothesize that changes in pelvic anatomy resulting from removal of the rectum and scarring from the pelvic dissection are major contributors to the problem. Given the known occurrence of dysplasia in pouch mucosa and the rare reports of cancers arising in pouches, routine clinical and endoscopic surveillance should be performed in patients after their IPAA.

References:

1. Farouk R, Pemberton JH, Wolff BG, et al: Functional outcomes after ileal pouch–anal anastomosis for chronic ulcerative colitis. *Ann Surg* 2000; 231:919.
2. Olsen KO, Joelsson M, Laurberg S, et al: Fertility after ileal pouch–anal anastomosis in women with ulcerative colitis. *Br J Surg* 1999; 86:493.
3. Feldman: Sleisenger and Fordtran's Gastrointestinal and Liver Disease, 9th ed. Chapters 113