Case-based Discussion: UC Surveillance: No More Random Biopsy?

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**Age and Gender:** 36 years old female

**Chief Complains:** for colonoscopic surveillance

**Present Illness:** She was diagnosed as ulcerative colitis and primary sclerosing cholangitis in June 2009. Surveillance colonoscopy was performed using high definition chromoendoscopy with indigo carmine and narrow band imaging in April 2015. Ill-defined, broad, pale and flat mucosal lesion was found at descending colon.

**Past History:** none

**Family History:** none

**Physical Examination and Laboratory Findings:**
- Physical Examination: nothing special
- Laboratory Findings:
  1. WBC 6420/μL (seg 35.8%), Hemoglobin 13.6 g/dL, Platelet 351,000 /μL
  2. BUN/Cr 11.9/0.85 mg/dL, Total Protein/Albumin 7.2/4.3 g/dL,
  3. AST/ALT 21/19 IU/L, Total bilirubin 0.2 mg/dL

**Endoscopic Findings:**

**Hospital Progress:** She received total colectomy with IPAA.