



# 2020 Annual Meeting

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## SP 8. COLONIC ENDOMETRIOSIS: A CASE STUDY OF OBSTRUCTING SIGMOID ENDOMETOMA

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**Background:** Endometriosis is a fairly common, benign condition of the reproductive system . Occurs mostly in young women of reproductive age in which endometrial glands and stroma are displaced from the uterine musculature outside the endometrial gravity. It is characterized by recurrent pelvic pain, with little or no response to commonly prescribed analgesics, as well as pelvic nodules scattered around the pelvic organs. Ectopic Endometrial implants may occur anywhere including the gastrointestinal track. We present her a patient with obstructing sigmoid mass mimicking malignant tumor in young female.

**Methods:** A 41 year old peri menopausal women presented with left lower abdominal associated with nausea and vomiting for few months, unresponsive to conservative treatment. CT scan of the abdomen showed markedly distended colon with large mass occupying the lumen of the sigmoid colon and infiltrating the wall of the large bowel rendering biopsy through colonoscopy impossible to obtain.. the patient went for exploratory laparotomy with possible colon resection.

**Results:** At laparotomy, extensive adhesions we're encountered in the pelvis and the structures surrounding the sigmoid colon. The patient end up receiving sigmoid colectomy with en bloc resection of the left ovary and Fallopian tube with proximal colostomy. Grossly the colonic wall was thickened with very narrow lumen. The microscopic findings revealed extensive endometrial glands and stroma involving the muscular layer of the colon and extended to the right ovary and tube.

**Conclusion:** Colonic obstructions in young female with little or no evidence of gynecological symptoms ,one should consider Endometriosis in the differential diagnosis.

challenging.

