

SIGMOID VOLVULUS CAUSED BY PEDUNCULATED UTERINE LEIOMYOMA LEADING TO ACUTE INTESTINAL OBSTRUCTION IN YOUNG ADULT FEMALE.

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Case report: A 29 year old female with no significant past medical and surgical history, presented with intestinal obstruction. Plain film of abdomen suggested sigmoid volvulus. Colonoscopy decompression was performed. Exploratory lap revealed pedunculated uterine fibroids and redundant sigmoid colon and mesocolon.

Discussion: Colonic volvulus accounts for 3-5 % of all intestinal obstruction in the United States. It's a disease of elderly and children with only slight male preponderance, with the sigmoid colon as the most commonly involved site. In young females at times volvulus may be observed during pregnancy. Intestinal obstruction in young female may be associated with adenomyosis externa (endometriosis). Leiomyomatosis peritonealis disseminata another rare condition is a disease of pre and post menopausal females. This case report is unique in a way because association of leiomyoma with small and large bowel obstruction due to adhesions or intussusception has been noted previously but pedunculated leiomyomas with sigmoid volvulus has never been reported earlier. Small bowel entrapment between serosal pedunculated fibroids as a cause for small bowel obstruction has been described. However, large bowel entrapment between pedunculated fibroids causing volvulus and obstruction has not been described previously.