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UNUSUAL PRESENTATION OF ACUTE INTESTINAL OBSTRUCTION DUE TO TRANSVERSE COLONIC VOLVULUS IN LATE PREGNANCY: CASE REPORT

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Colonic volvulus accounts for less than 5% of all cases of intestinal obstruction. Transverse colon volvulus is a very rare entity among the other types of colonic volvulus with higher morbidity and mortality rate. In pregnancy obstruction due to transverse colonic volvulus is unusual and seldom reported, it requires a soundly recognition and emergency intervention. We reported a very rare case of transverse colonic volvulus in a young female at late gestational age. The diagnosis was suspected on clinical basis as colonic obstruction, and the final diagnosis confirmed intra operatively. Case presentation A 28-years-old pregnant lady gravida 2 and para1 presented with progressive abdominal pain and distention about 12 hours prior to admission, associated with nausea vomiting and stoppage of passing flatus. Her general condition was stable; beside the gravid uterus, an epigastric marked distention was detected. (Figure1) Abdominal ultrasound showed a 34 weeks' gestational age single alive fetus, and dilated bowels. Exploratory laparotomy revealed unexpected transverse colon volvulus. (Figure2) Resection of the twisted segment and primary end to end anastomosis was performed, and C-section done by the obstetrician. The patient with her baby made a satisfactory recovery and discharged after six days.

Conclusion:

Transverse colonic volvulus in late pregnancy is very rare, it can be suspected on clinical presentation, and the final diagnosis usually made at time of operation. Early diagnosis and prompt surgical intervention could significantly minimize the high rate of maternal and fetal morbidity and mortality.

Biography

Doctor Muad Haidar had completed the master degree (MSc) from Aden University. General and laparoscopic surgeon working in the general surgery department and in the endoscopic department at AlGamhoria teaching hospital. The head of the department of general surgery in Al-Naqeeb private hospital (Aden/Yemen). Member of the European Sosaity for Trauma and Emergency surgery (ESTES). Participated and attended some of local and international conferences, and published two papers in reputed journals

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Figure1: Epigastric detention with the gravid uterus



Figure2: Volvulus of the transverse colon