

## Ultrasound Diagnostic a Case of Midgut Volvulus without Malrotation in a Newborn (Clinical Observation)

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### Abstract

Fetal midgut volvulus is quite rare, and most cases are associated with abnormalities of intestinal rotation or fixation. Our case is a rare presentation with the occurrence of volvulus without malrotation. Very few cases have been reported describing the ultrasound findings of the same. This 3,7 kg, 39-wk infant was born via a spontaneous vaginal delivery. Prenatal ultrasound didn't showed any abnormalities. The patient had presentation with a distended abdomen showing bluish skin discoloration. Postnatal ultrasound showed dilated bowel loops with the appearance of a whirlpool-sign without Doppler coloration a mesenterial vessels and a atypical coffee bean sign. An emergency laparotomy revealed an ilial volvulus with and a 60 cm ischemic necrotic region of terminal ileum. The results of the sonography and the short review of the literature is present.

**Key words:** Ultrasonography, Newborn, Ilial Torsion.

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