

A Case of Mesentery Torsion in a Miniature Schnauzer Dog

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Introduction: Mesentery torsion or volvulus is one of the causes of acute abdomen. Mesentery torsion is common in a large breed dog, but is rarely occurred in a small breed dog because of their short mesenteric attachments, Clinical signs are peracute or acute and commonly associated with shock, acute abdomen, partial obstruction and ischemia. The prognosis is guarded as mortality approaches 100% with death usually occurring within 24 hours. Death is due to a combination of hypovolemic, septic and endotoxic shock and probably reperfusion injury.

Materials and methods: A 2 year-old, spayed female, Miniature Schnauzer dog was referred to Haemaru Animal Referral Hospital. Chief complaints were anorexia, severe vomiting, hematochezia, ataxia and shock status.

Results: The diagnosis, which was based on radiography and ultrasound, was followed by immediate treatment for shock using colloid fluid therapy and surgical intervention as soon as possible. The volvulus was treated successfully and this patient survived. Now, this patient is monitored about short bowel syndrome and doing well recently.

Clinical relevance: This indicates that the prognosis for mesenteric volvulus is not so grave as known before, and immediate diagnosis and surgical correction is necessary if the patient is to survive.

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