

Uterine Rupture in the Pregnant Bitch

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8 year old Yorkshire terrier bitch was presented with abdominal distension to local animal hospital. It was assumed that the dog was pregnant about 90days before presentation. However, the dog was not diagnosed about pregnancy at animal hospital. In abdominal radiography, two fetus were found and laparotomy was performed. During surgery, severe adhesion between fetal sac and adjacent structures was observed and referred to Haemaru Animal Referral Hospital for surgery. In emergency surgery, fetal sac was prolapsed from ruptured region of left uterine horn and the two fetus were dead. The fetal sac was adhered with surrounding mesentery, omentum and peritoneum. After removal of fetus and uterus, sterile saline irrigation was performed at several times. In previous history, there were no trauma, cesarean section, dystocia and parturition. And at presentation to local animal hospital, the physical states of this dog such as body temperature, respiration, appetite and condition were normal range. After ovariohysterectomy, the dog was restored and left the hospital 3 days later. Rupture of gravid uterus is seen occasionally in the periparturient period in cases of dystocia, and following uterine torsion or trauma. However, this case is interesting because of no remarkable previous history and no clinical sign despite with uterine rupture.

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