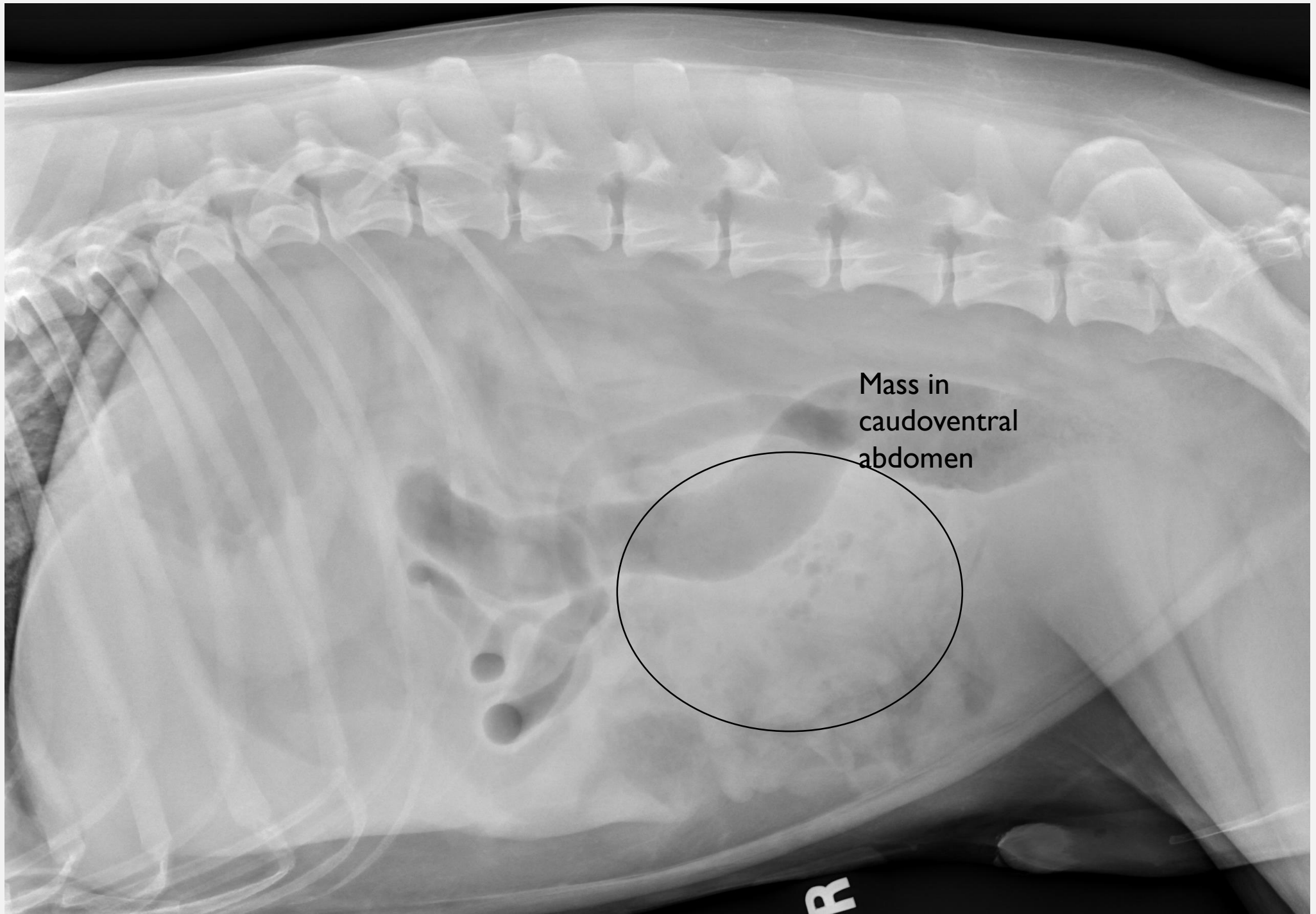


9 YO MN AUSTRALIAN CATTLE DOG ACUTE ONSET OF VOMITING

Interesting cases and learning points

RADIOGRAPH REVIEW

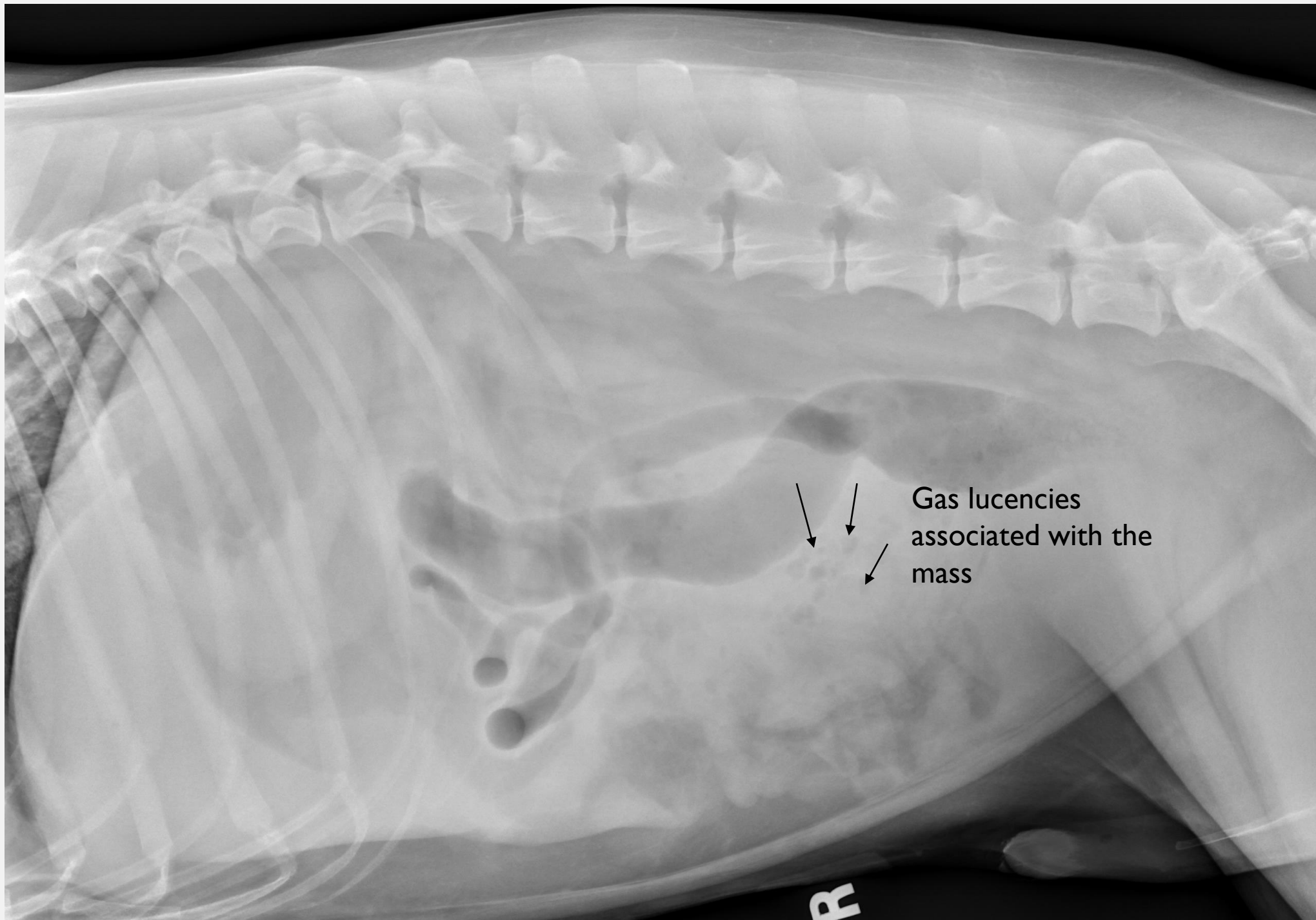
- Radiographic Findings: There is a large soft tissue mass in the right caudal abdomen superimposed on the descending colon on the lateral view and spanning the length of 3 lumbar vertebrae on the VD. There are multifocal angular gas lucencies both within the mass, and within the peritoneal cavity. Gas accumulates more within the right caudal abdomen. There is also mild reduced peritoneal detail. The margins of the right kidney are faintly visible, superimposed on the mass. The stomach is gas filled. The small intestines mostly are soft tissue filled, with some gas. The colon is gas filled.
- Radiographic Impressions:
- Right caudal abdominal mass with pneumoperitoneum, which is most consistent with a neoplastic process arising from either small intestine or cecum, with rupture/perforation, and peritonitis.



Mass in
caudoventral
abdomen

R





Gas lucencies
associated with the
mass

R

R

Gas lucencies in peritoneal cavity
surrounding mass, and regional
fluid/peritonitis



ULTRASOUND

- **Hyperechoic mesentery, echogenic fluid. Pneumoperitoneum**
- **Irregular, hypoechoic and heterogenous mass measuring 9.5 cm long x 7.6 cm thick in the caudal right abdomen. There is gas in a curvilinear, somewhat tubular conformation within the mass suggesting that the mass is associated and likely arising from viscus. With location and presentation, cecal origin should be considered but this could not be confirmed on ultrasound.**

OUTCOME

- Surgery found a ruptured cecal mass
- Histopathology: grade I gastrointestinal stromal cell tumor