

IVRA

Case 19



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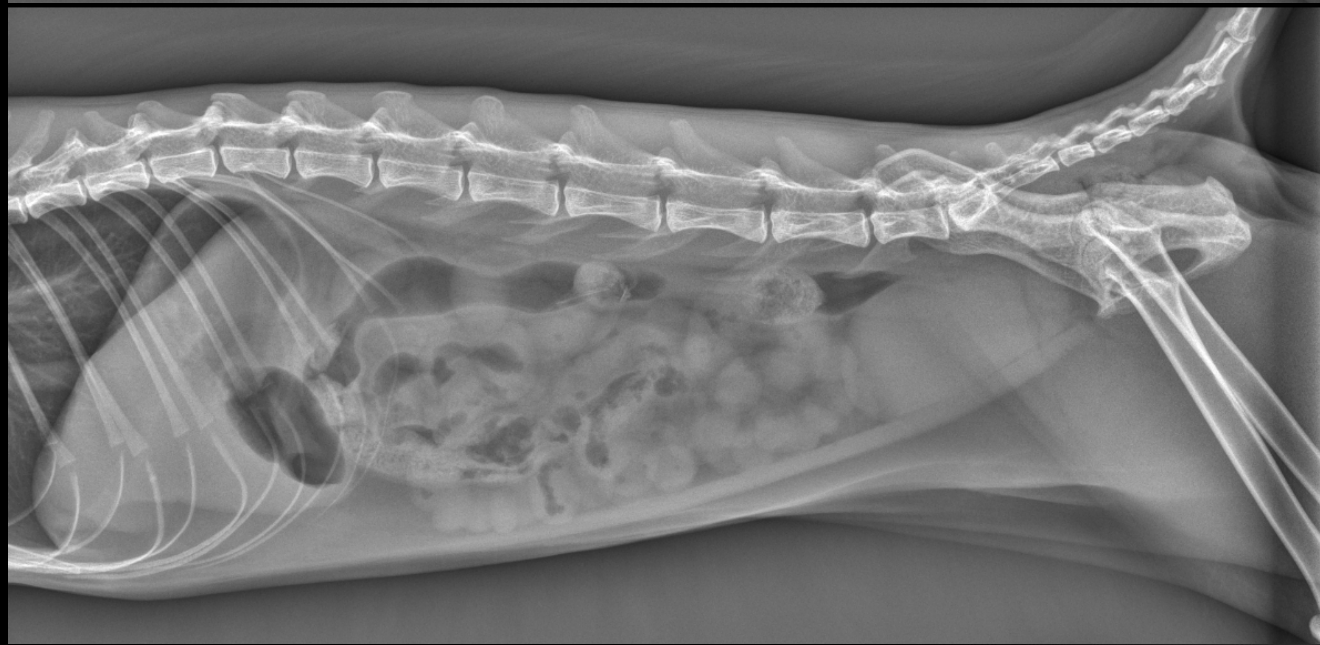
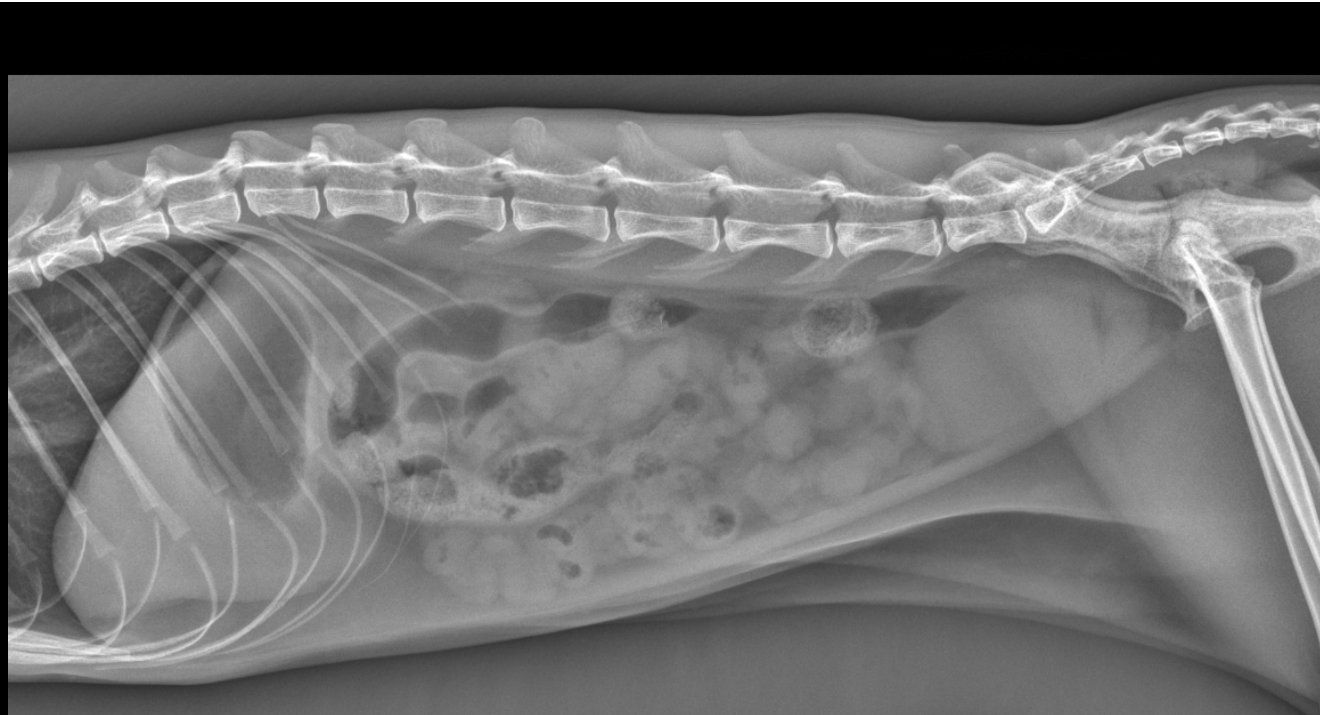
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Signalment and History

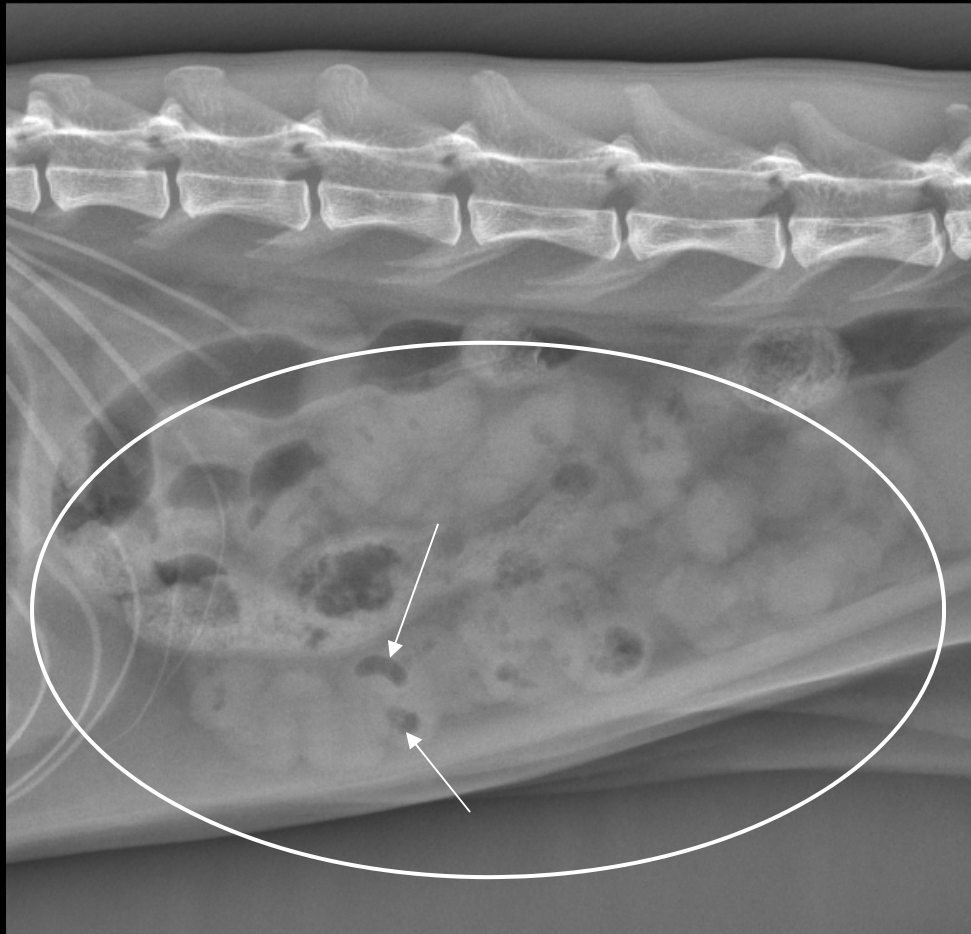
2-year-old MC DSH

Quiet, hiding

IVRA



Description



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There is extensive plication of the small intestine. A few small intestinal segments contain non-continuous (fragmented) gas foci some of which are comma shaped.

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The stomach is moderately distended with gas and small volume of fluid.

Best seen on the VD projection, the descending duodenum is tortuous and plicated.



Conclusions

Small intestinal linear foreign body

IVRA

Follow-Up

IVRA

Oral examination under sedation: String (fishing line) found under tongue

Exploratory laparotomy: The entire length of the small intestine was affected by the foreign material which was removed via a gastrotomy and the milking remaining portion of it through the lower portions of the intestines.

The patient recovered uneventfully from the surgery.

Comments

IVRA

Linear foreign bodies are common in cats and less common in dogs. Part of the foreign body becomes lodged in the proximal gastrointestinal tract (typically oral cavity/sublingual in cats and within the stomach in dogs), while the free end trails down the intestinal tract. As soon as aborad transport of the foreign body is halted, the intestine starts "crawling" up the foreign body. This results in "ribbon candy" or accordion like intestinal plication. A diagnosis is usually possible on survey radiographs. Intestinal segments appear "bunched" and contain mostly fluid as well as multiple noncontinuous gas opacities, which are often comma shaped.

References

IVRA

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Felts JF, Fox PR, Burk RL. Thread and sewing needles as gastrointestinal foreign bodies in the cat: a review of 64 cases. *J Am Vet Med Assoc.* 1984 Jan 1;184(1):56-9. PMID: 6698839.