



(photograph: R. Sutton)

**History:**

Close-up necropsy view of the duodenum and associated tissues of a 6 year-old dog that was killed at a local refuge by intravenous barbiturate overdose. There was no relevant history: the animal was simply surplus to the requirements of the donor family and had been deemed unsaleable. It was acquired for an undergraduate practical class.

1. Describe the abnormalities.
2. What underlying disease process/es could produce these changes?
3. Make a differential diagnostic list, in order of probability.
4. With your preferred diagnosis in mind, what is the *pathogenesis* of these macroscopic changes?
5. Relate the pathology to the clinical signs.

(remember, you can enlarge this page up to 200% if you want a closer look)

*Discussion of this case will go, as usual, onto the ASVP website [www.asvp.asn.au](http://www.asvp.asn.au) in the next week or two. Feed-back welcomed at [Roger-Kelly@aapt.net.au](mailto:Roger-Kelly@aapt.net.au) or via the mailing list.*

*Recent subscribers who want to get hold of Exercises 1 – 6 can either cadge them off other nearby subscribers who may still have them on their machines, or e-mail me (see above).*