MY TAIL IS WEIGHING ME DOWN (L1611669)

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SEVPAC, May 20-21, 2017
8-9 years old, female Angus cow
- Thin body condition
- One of a herd of 30 cows
- 4 months ago, a small mass noted at the tail base
- Difficulty urinating and defecating
- Weight loss
GROSS FINDINGS
Liver (H&E)
Malignant mixed apocrine gland adenocarcinoma with metastasis to inguinal/iliac lymph node and liver
Mixed apocrine gland tumors are uncommon in domestic animals

4 reported cases of mixed apocrine adenocarcinoma in bovine
  - In mature adult bovine, located at the base of the tail

1 reported case of apocrine adenocarcinoma in bovine
  - In a 1 day old Buffalo calf, located at the tip of the tail

No conclusions regarding age, breed, site, or sex predilection

Skin/subcutis at the base of the tail seems predisposed
Metastasized to local lymph nodes and liver (distant metastasis was not reported in previous cases)

Compared to earlier reports, this was by far the largest size
Apocrine gland tumors are relatively uncommon, including in dogs (1.1%) and cats (3%).

Most common site in dogs is the front legs.

In cats, common sites are head, limbs, and abdomen.

Tail is an uncommon location in other animals, except bovine.
ACKNOWLEDGEMENT

- Dr. Dawn Evans
- Dr. Clare Scully

- LADDL Pathologists and Residents
- Technicians
  - Histology lab @ LADDL

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