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FELINE ONCOLOGY CASE-BASED INTERACTIVE DISCUSSIONS

General Information

In this presentation we will discuss a number of different feline oncology cases. Each of the cases will be presented with in-depth discussions of signalment and history followed by physical examination findings. The audience will then be asked to weigh in on the most appropriate next steps in the context of staging and/or other diagnostics followed by discussions around the various treatment options. When appropriate, we will discuss specifics around prognosis as well as treatment option logistics, side effects, costs and expected outcomes with ranges when known. So as to not reveal specific diagnoses, I will include below citations for the participants to refer to if they are interested in additional information.(1-24)

References

1. Baer KE, Helton K. Multicentric squamous cell carcinoma in situ resembling Bowen's disease in cats. *Vet Pathol* 1993;**30**:535-543.
2. Barrs VR, Beatty JA. Feline alimentary lymphoma: 1. Classification, risk factors, clinical signs and non-invasive diagnostics. *J Feline Med Surg* 2012 March;**14**:182-190.
3. Barrs VR, Beatty JA. Feline alimentary lymphoma: 2. Further diagnostics, therapy and prognosis. *J Feline Med Surg* 2012 March;**14**:191-201.
4. Daniaux LA, Laursen MP, Marks SL, Moore PF, Taylor SL, Chen RX et al. Ultrasonographic thickening of the muscularis propria in feline small intestinal small cell T-cell lymphoma and inflammatory bowel disease. *J Feline Med Surg* 2014 February;**16**:89-98.
5. Dean RS, Pfeiffer DU, Adams VJ. The incidence of feline injection site sarcomas in the United Kingdom. *BMC Vet Res* 2013;**9**:17.
6. Gabor LJ, Canfield PJ, Malik R. Immunophenotypic and histological characterisation of 109 cases of feline lymphosarcoma. *Aust Vet J* 1999 July;**77**:436-441.
7. Gill VL, Bergman PJ, Baer KE, Craft D, Leung C. Use of imiquimod 5% cream (Aldara™) in cats with multicentric squamous cell carcinoma in situ: 12 cases (2002-2005). *Veterinary and Comparative Oncology* 2008;**6**:55-64.
8. Halsey CH, Powers BE, Kamstock DA. Feline intestinal sclerosing mast cell tumour: 50 cases (1997-2008). *Vet Comp Oncol* 2010 March;**8**:72-79.
9. Krick EL, Moore RH, Cohen RB, Sorenmo KU. Prognostic significance of weight changes during treatment of feline lymphoma. *J Feline Med Surg* 2011 December;**13**:976-983.
10. Lepri E, Ricci G, Leonardi L, Sforza M, Mechelli L. Diagnostic and prognostic features of feline cutaneous mast cell tumours: a retrospective analysis of 40 cases. *Vet Res Commun* 2003 September;**27 Suppl** 1:707-709.
11. Limmer S, Eberle N, Nerschbach V, Nolte I, Betz D. Treatment of feline lymphoma using a 12-week, maintenance-free combination chemotherapy protocol in 26 cats. *Vet Comp Oncol* 2014 February 19.
12. Macy DW. Canine and feline mast cell tumors: biologic behavior, diagnosis, and therapy. *Semin Vet Med Surg (Small Anim)* 1986 February;**1**:72-83.
13. Mahony OM, Moore AS, Cotter SM, Engler SJ, Brown D, Penninck DG. Alimentary lymphoma in cats: 28 cases (1988-1993). *Journal of the American Veterinary Medical Association* 1995;**207**:1593-1598.
14. Moore PF, Rodriguez-Bertos A, Kass PH. Feline gastrointestinal lymphoma: mucosal architecture, immunophenotype, and molecular clonality. *Vet Pathol* 2012 July;**49**:658-668.
15. Norsworthy GD, Scot EJ, Kiupel M, Olson JC, Gassler LN. Diagnosis of chronic small bowel disease in cats: 100 cases (2008-2012). *Journal of the American Veterinary Medical Association* 2013 November 15;**243**:1455-1461.
16. Phelps HA, Kuntz CA, Milner RJ, Powers BE, Bacon NJ. Radical excision with five-centimeter margins for treatment of feline injection-site sarcomas: 91 cases (1998-2002). *Journal of the American Veterinary Medical Association* 2011 July 1;**239**:97-106.
17. Rodriguez-Carino C, Fondevila D, Segales J, Rabanal RM. Expression of KIT receptor in feline cutaneous mast cell tumors. *Vet Pathol* 2009 September;**46**:878-883.
18. Sabattini S, Bettini G. Prognostic value of histologic and immunohistochemical features in feline cutaneous mast cell tumors. *Vet Pathol* 2010 July;**47**:643-653.
19. Sabattini S, Guadagni FM, Gentilini F, Turba ME, Capitani O, Bettini G. Prognostic significance of Kit receptor tyrosine kinase dysregulations in feline cutaneous mast cell tumors. *Vet Pathol* 2013 September;**50**:797-805.
20. Sato H, Fujino Y, Chino J, Takahashi M, Fukushima K, Goto-Koshino Y et al. Prognostic Analyses on Anatomical and Morphological Classification of Feline Lymphoma. *J Vet Med Sci* 2014 February 10.
21. Schwittlick U, Bock P, Lapp S, Henneicke K, Wohlsein P. [Feline papillomavirus infection in a cat with Bowen-like disease and cutaneous squamous cell carcinoma]. *Schweiz Arch Tierheilkd* 2011 December;**153**:573-577.
22. Srivastava A, Kass PH, McGill LD, Farver TB, Kent MS. Comparative vaccine-specific and other injectable-specific risks of injection-site sarcomas in cats. *Journal of the American Veterinary Medical Association* 2012 September 1;**241**:595-602.
23. Wilcock B, Wilcock A, Bottoms K. Feline postvaccinal sarcoma: 20 years later. *Canadian Veterinary Journal* 2012 April;**53**:430-434.
24. Wilhelm S, Degorce-Rubiales F, Godson D, Favrot C. Clinical, histological and immunohistochemical study of feline viral plaques and bowenoid in situ carcinomas. *Vet Dermatol* 2006 December;**17**:424-431.