

The use of diagnostic tools and treatment options for ophthalmology

Welcome to the Survey!

Dear Veterinary Colleague,

I am a 3rd year veterinary medicine student studying at the University of Nottingham working with the Centre for Evidence-based Veterinary Medicine. I am undertaking a research project which is investigating different treatment options for specific ophthalmology conditions.

I would be very grateful if you could fill out the attached questionnaire. The survey will take no longer than 10 – 15 minutes of your time.

By completing this questionnaire you have the option to enter into a prize draw to receive an £80 voucher of your choice.

All responses are greatly appreciated and all data received will be treated with confidentiality. Individual responses will not be able to be identified and information will not be passed onto any other persons. By participating in this project you are giving your consent for your answers to be analysed and potentially published or presented at conferences.

Please feel free to e-mail me with any queries or considerations regarding the survey. Any responses are invaluable to the completion of the project.

Many thanks in advance,
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Supervisor: Marnie Brennan
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Diagnostic Tools

1. What type of diagnostic tools are available at your practice for investigating ophthalmology cases?

Which of these tools do you use on a regular basis?

Please tick all that apply.

	<u>Have in my practice</u>	<u>Use regularly (at least once a month)</u>
Penlight	<input type="checkbox"/>	<input type="checkbox"/>
Condensing lens	<input type="checkbox"/>	<input type="checkbox"/>
Magnifying loupe or otoscope with speculum removed	<input type="checkbox"/>	<input type="checkbox"/>
Direct ophthalmoscope	<input type="checkbox"/>	<input type="checkbox"/>
Schirmer Tear Test	<input type="checkbox"/>	<input type="checkbox"/>
Ophthalmic stains such as Fluorescein and Rose Bengal	<input type="checkbox"/>	<input type="checkbox"/>
Schiotz tonometer	<input type="checkbox"/>	<input type="checkbox"/>
Tonometer e.g. TonoPen	<input type="checkbox"/>	<input type="checkbox"/>
Slit lamp	<input type="checkbox"/>	<input type="checkbox"/>
Indirect ophthalmoscope	<input type="checkbox"/>	<input type="checkbox"/>
Gonioscopy lens	<input type="checkbox"/>	<input type="checkbox"/>
Finoff ocular transilluminator	<input type="checkbox"/>	<input type="checkbox"/>

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Case 1

Please read the following case information and then answer the questions below.

Owner: Mr Davids
Animal: Lola
Species: Canine
Breed: Lhasa Apso
Sex: Female
Age: 9 months
Weight: 5 kg
Insurance status: Insured

History: Mr Davids noticed yesterday that Lola has an abnormal pink mass by the medial canthus of her left eye. He says Lola has never had this problem before. Lola is bright and lively within herself.

Clinical Examination: Upon examination, you identify that the pink mass is the tear gland. There are no other lesions on the eye and the result of a Schirmer tear test is normal bilaterally ($>18\text{mm/min OU}$). Forceps examination rules out any deformity of the cartilage of the third eyelid and confirms the diagnosis of nictitans gland prolapse (cherry eye). Your full clinical exam proves Lola to be otherwise healthy.

2. What would be your initial treatment choice? Please include details of any drugs or techniques you may use.

Treatment 1:	<input type="text"/>
Treatment 2:	<input type="text"/>
Treatment 3:	<input type="text"/>
Treatment 4:	<input type="text"/>

3. Would you make any other recommendations to the owner regarding the longer term management of this case?

- ☐ Yes
- ☐ No

4. If yes, please state what you would recommend:

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5. How would you treat the condition should it relapse?

6. Are there any treatments you would like to give but are not available to you at your practice?

- ☐ No - all treatments I'd use are available at my practice
- ☐ Yes - there are treatments I'd like to use but are unavailable to me at my practice

7. If yes, please state which treatments you would like to give that are unavailable to you currently:

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Case 2

Please read the following case information and then answer the questions below.

Owner: Miss Crosby
Animal: Scoobie
Species: Feline
Sex: Male
Breed: DSH
Age: 3 years
Weight: 4 kg
Insurance status: Insured.

History: Miss Crosby adopted Scoobie as a kitten from a rescue shelter. As a kitten he had 'flu-like' symptoms which have recurred occasionally. Miss Crosby had him vaccinated when she adopted him but has not kept up with annual boosters. Over the last 7 days, his right eye has become closed and painful with a watery discharge.

Clinical examination: Upon examination, Scoobie's lesions are confined to just the right eye. Superficial branching corneal neovascularisation is visible with the presence of several small separate geo-dendritic ulcers which become obvious using Fluorescein stain. There is no evidence of entropion and your Schirmer tear test has proved normal (15mm/min). Due to the presence of the dendritic ulcer you diagnose feline herpes virus (FHV-1).

8. What would be your initial treatment choice? Please include details of any drugs or techniques you may use.

Treatment 1:	<input type="text"/>
Treatment 2:	<input type="text"/>
Treatment 3:	<input type="text"/>
Treatment 4:	<input type="text"/>

9. Would you make any other recommendations to the owner regarding the longer term management of this case?

- ☐ Yes
☐ No

10. if yes, please state what you would recommend:

<input type="text"/>	<input type="text"/>
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11. How would you treat the condition should it relapse?

12. Are there any treatments you would like to give but are not available to you at your practice?

- ☐ No - all treatments I'd use are available at my practice
- ☐ Yes - there are treatments I'd like to use but are unavailable to me at my practice

13. If yes, please state which treatments you would like to give that are unavailable to you currently:

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Sources of Information

14. What sources of information would you use for advice and guidance when diagnosing and managing ophthalmology cases?

Please rank your preferences, placing 1 beside the most important source, 2 beside the next most important source, continuing on through to 9 beside the least most important source.

Attending conferences	<input type="text"/>
Consult other specialists	<input type="text"/>
Veterinary internet sites	<input type="text"/>
CPD courses	<input type="text"/>
Promotional literature	<input type="text"/>
Personal notes or files	<input type="text"/>
Articles in journals	<input type="text"/>
Textbooks	<input type="text"/>
Representatives from companies	<input type="text"/>

15. Please list 3 factors that contribute most to your decision making about the diagnosis and treatment of a clinical ophthalmology case.

1.	<input type="text"/>
2.	<input type="text"/>
3.	<input type="text"/>

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Information about you

16. What is your gender?

- ☐ Male
- ☐ Female

17. What is your age in years?

18. In what year did you graduate?

19. If you would like to be entered into the prize draw for a £80 voucher of your choice, please enter your email address in the box below. Your details will be removed from the questionnaire so that your answers cannot be identified as your own

20. Would you be interested in receiving a summary of the results from this project?

- ☐ Yes
- ☐ No

21. Please enter your email address below, if you haven't already written it in the previous box. We will email you a short summary of our results upon completion of the project.

22. If you have any comments about the cases or questionnaire in general, please comment below.

This is the end of the questionnaire.

Thank you for taking the time to fill out the questionnaire. If you have any questions please do not hesitate to get in touch either with myself or my supervisor, Marnie Brennan.