



## AUSTRALIAN AND NEW ZEALAND COLLEGE OF VETERINARY SCIENTISTS

### MEMBERSHIP GUIDELINES

#### *Medicine of Cats*

#### INTRODUCTION

These Membership Guidelines should be read in conjunction with the *Membership Candidate Handbook*.

#### ELIGIBILITY

Refer to Section 2 of the *Membership Candidate Handbook*.

#### OBJECTIVES

To demonstrate that the candidate has sufficient knowledge of and experience in Medicine of Cats to be able to give sound advice to colleagues on problems and procedures commonly encountered in this field of general veterinary practice.

#### LEARNING OUTCOMES

1. The candidate will have a **sound<sup>1</sup> knowledge** of:
  - 1.1. the aetiology, pathophysiology, investigation and treatment/management of feline diseases of all body systems (other than those listed in section 2 at points 2.3 and 2.4) including toxicities, infectious diseases; and genetic, metabolic and nutritional disorders
  - 1.2. clinical problem solving
  - 1.3. disorders of fluid and electrolytes (including acid-base disturbances) and the fluid/electrolyte therapy required to address them

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#### <sup>1</sup>Knowledge levels:

**Sound knowledge** — candidate must know all of the principles of the topic including some of the finer detail, and be able to identify areas where opinions may diverge. A middle level of knowledge.

**Basic knowledge** — candidate must know the main points of the topic and the major literature

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- 1.4. preventative medicine in cats
- 1.5. measures to reduce public health risks of zoonotic diseases transmitted by cats.
2. The candidate will have a **basic knowledge** of:
  - 2.1. feline anatomy, physiology, nutrition and reproduction
  - 2.2. pharmacology and chemotherapy
  - 2.3. disorders of behaviour, skin, eyes and reproduction
  - 2.4. diseases exotic to Australia and New Zealand which could be of potential significance to feline health in Australia and New Zealand.
  - 2.5. diseases exotic to Europe which could be of potential significance to feline health in Europe.
3. The candidate will be able to do the following with **sound<sup>2</sup> expertise**:
  - 3.1. collect a clinical history
  - 3.2. perform a physical examination
  - 3.3. collect, record, and analyse clinical data from feline medicine cases and make appropriate clinical judgments based on that data
  - 3.4. provide high quality medical care for cats with the most efficient use of resources in a manner that is responsive to the owner's needs and wishes
  - 3.5. communicate with clients and peers.
4. The candidate will be able to interpret clinical pathology data and the results of radiography, ultrasonography and routine ECG with **basic expertise**.
5. The candidate will be able to perform the following technical procedures:
  - 5.1. with a **sound expertise**:
    - 5.1.1. neurologic examination
    - 5.1.2. in-house laboratory procedures including packed cell volume, refractometer use, urinalysis, faecal floatation, blood and cytology smear preparation
    - 5.1.3. routine biopsy procedures (fine needle aspiration and cutting needle core samples)
    - 5.1.4. blood pressure measurement

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<sup>2</sup> **Skill levels:**

**Sound expertise** — the candidate must be able to perform the technique with a moderate degree of skill, and have moderate experience in its application. A middle level of proficiency.

**Basic expertise** — the candidate must be able to perform the technique competently in uncomplicated circumstances.

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- 5.1.5. routine centesis: thoracic, abdominal, cysto-
- 5.1.6. routine electrocardiography
- 5.1.7. routine radiography
- 5.1.8. fluid therapy
- 5.2. with a **basic expertise**:
  - 5.2.1. ophthalmic examination
  - 5.2.2. enteral nutrition tube placement
  - 5.2.3. thoracostomy tube placement
  - 5.2.4. bone marrow biopsy and aspiration.
  - 5.2.5. joint fluid aspiration
  - 5.2.6. bronchoalveolar lavage
  - 5.2.7. blood transfusion

## **EXAMINATIONS**

For general information on the required standards for both the Written and Oral examinations, candidates are referred to the *Membership Candidate Handbook*. The Membership examination has **two separate components**:

1. **Written Examination** (*Component 1*)
  - Written Paper 1** (two hours): Principles of the Subject
  - Written Paper 2** (two hours): Applied Aspects of the Subject
2. **Oral Examination** (*Component 2*)
  - Oral** (one hour)

The written examination will comprise of two separate two-hour written papers taken on the same day. There will be an additional 15 minutes perusal time for each paper, during which no writing in an answer booklet is permitted. In each paper you are provided with four (4) questions to answer, worth 30 marks each, giving a total of 120 marks per paper. There is no choice of questions. Questions may be long essay type, a series of shorter answer sub-questions, or multiple-choice questions. Marks allocated to each question and to each subsection of questions will be clearly indicated on the written paper.

### **Written Paper 1:**

This paper is designed to test the candidate's knowledge of the principles of medicine of cats as described in the Learning Outcomes.

### **Written Paper 2:**

This paper is designed to (a) test the candidate's ability to apply the principles of feline medicine to particular cases/problems or tasks and (b) test the candidate's familiarity with current issues in feline medicine and recommended current diagnostic and management practices in feline medicine.

### **Oral Examination:**

This examination requires the candidate to demonstrate achievement of the Learning Outcomes listed earlier. The duration of this examination is approximately one (1) hour. Clinical and clinicopathologic images, laboratory test results, radiographs and basic ultrasound images are likely to be used during this examination. Four (4) cases are presented with supporting questions asked verbally in a face-to-face setting. The oral examination has a total of 100 marks with each case allocated 25 marks.

## **RECOMMENDED READING MATERIAL**

The candidate is expected to read widely within the discipline, paying particular attention to areas not part of their normal work experiences. This list of books and journals is intended to guide the candidate to some major references and other source material. Candidates also should be guided by their mentors. *The list is not comprehensive and is not intended as an indicator of the content of the examination.*

### **Recommended Texts<sup>3</sup>**

Little S.E. The Cat; Clinical Medicine and Management. Elsevier Saunders 2011.

BSAVA Manual of Feline Practice, A Foundation Manual. 2013. Editors: Andrea Harvey, Severine Tasker.

### **Recommended Journal<sup>4</sup>**

*Journal of Feline Medicine and Surgery*

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3.

**Recommended textbook** – candidates should own or have ready access to a copy of the book and have a sound knowledge of the contents.

**Additional references** – candidates should have access to the book and have a basic knowledge of the contents

4.

**Recommended Journal** – candidates should have ready access to either print or electronic versions of the journal and have a sound knowledge of the published articles in the subject area.

**Additional Journal** – candidates should be able to access either printed or electronic versions of the journal and have a basic knowledge of the published articles in the subject area.

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## **ADDITIONAL SOURCES OF INFORMATION**

### **TEXTBOOKS**

Small Animal Internal Medicine. 5<sup>th</sup> Ed, 2013, Editors Nelson RW & Couto CG.

The Feline Patient, 4<sup>th</sup> Ed, 2010. [5<sup>th</sup> Ed available in 2018] Editors Gary D. Norsworthy, Sharon Fooshee Grace, Mitchell A. Crystal, Larry P. Tilley.

Feline Medicine: Review and Test, 2015. Samantha Taylor and Andrea Harvey.

BSAVA Manual of Canine and Feline Nephrology and Urology, 3<sup>rd</sup> Ed, 2017. Editors: Jonathan Elliott, Gregory F Grauer, Jodi Westropp.

BSAVA Manual of Canine and Feline Cardiorespiratory Medicine, 2<sup>nd</sup> Ed, 2010. Editors: Virginia Luis Fuentes, Lynelle Johnson, Simon Dennis.

BSAVA Manual of Canine and Feline to Procedures in Small Animal Practice, 2<sup>nd</sup> Ed, 2014. Editors: Nick Bexfield, Karla Lee.

BSAVA Manual of Canine and Feline Anaesthesia and Analgesia, 3<sup>rd</sup> Ed, 2016. Editors: Tanya Duke-Novakovski, Marieke de Vries, Chris Seymour.

BSAVA Manual of Canine and Feline Clinical Pathology, 3<sup>rd</sup> Ed, 2016. Editors: Elizabeth Villiers, Jelena Ristic.

BSAVA Manual of Canine and Feline Emergency Medicine and Critical Care, 2<sup>nd</sup> Ed, 2007. Editors: Lesley King, Amanda Boag.

BSAVA Manual of Canine and Feline Endocrinology, 4<sup>th</sup> Ed, 2012. Editors: Carmel Mooney, Mark Peterson.

BSAVA Manual of Canine and Feline Gastroenterology, 2<sup>nd</sup> Ed, 2005. Editors: Edward Hall, James Simpson, David Williams.

BSAVA Manual of Canine and Feline Neurology, 4<sup>th</sup> Ed, 2013. Editors: Simon Platt, Natasha Olby.

BSAVA Manual of Canine and Feline Oncology, 3<sup>rd</sup> Ed, 2011. Editors: Jane Dobson, Duncan Lascelles.

### **JOURNALS**

*Compendium of Continuing Education for the Practising Veterinarian*

*Journal of the American Animal Hospital Association*

*Journal of the American Veterinary Medical Association*

*Journal of Small Animal Practice*

*Journal of Veterinary Internal Medicine*

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## **WEBSITES**

International Society of Feline Medicine: International Cat Care. <https://icatcare.org/isfm>

International Renal Interest Society. [iris-kidney.com](http://iris-kidney.com)

Veterinary Information Network, [www.vin.com](http://www.vin.com)

Mark Peterson (endocrinology). <https://www.drmarkepeterson.com>

Case studies in cardiology, [www.vmeth.ucdavis.edu/Cardio/cases/](http://www.vmeth.ucdavis.edu/Cardio/cases/)

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## **FURTHER INFORMATION**

For further information contact the College Office

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