ELIGIBILITY

1. The candidate shall meet the eligibility prerequisites for Fellowship outlined in the Fellowship Candidate Handbook.

2. Membership of the College must be achieved prior to the Fellowship examination.

3. Membership may be in any discipline.

OBJECTIVES

To demonstrate that the candidate has sufficient training, experience, knowledge and accomplishment in Veterinary Cardiology to be recognised as an authority in this field by his/her colleagues in the veterinary profession.

DESCRIPTION (LEARNING OBJECTIVES)

The field of cardiology includes the study of all domestic animals. There is no provision for subspecialisation within the discipline.

A candidate is expected to have sufficient training, knowledge and experience to be recognised by colleagues as a specialist in Veterinary Cardiology.

A candidate for the award of Fellowship in Veterinary Cardiology is expected to have:

(i) A detailed knowledge of the anatomy and physiology of the heart and vascular system with particular reference to all domestic species. In addition the candidate should have a general understanding of cardiac structure and function in non-domestic species.

(ii) A detailed knowledge of the aetiology, pathogenesis and pathophysiology of cardiac dysfunction in all domestic species with particular reference to the dog, cat and horse.

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1 Knowledge levels:

- **Detailed knowledge** — candidates must be able to demonstrate an in-depth knowledge of the topic including differing points of view and published literature. The highest level of knowledge.

- **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 core literature.
(iii) A **detailed** knowledge of diagnostic tests and procedures as these apply to the diagnosis of cardiac disease including a demonstrable skill in the conduct and interpretation of diagnostic imaging as it applies to cardiology.

(iv) A **detailed** knowledge of the treatment and prevention of cardiac diseases including a comprehensive knowledge of the principles and application of cardiac pharmacology and therapeutics, medicine and surgery of the heart.

(v) A **detailed** knowledge of comparative cardiac pathology.

(vi) A **sound** general knowledge of veterinary anatomy, physiology, medicine and pathology especially with regard to respiratory and cardiac function, fluid and ionic homeostasis and autonomic neurology.

(vii) A **detailed** knowledge of systemic influences on cardiac function, systemic diseases which have implications for the cardiovascular system and extra-cardiavascular manifestations of cardio-vascular disease.

(viii) A **sound** knowledge of cardiac diseases exotic to Australia and New Zealand.

(ix) Critically evaluated the current literature and thinking in the field of cardiology.

(x) A knowledge of current concepts in human cardiology together with their potential application to domestic animals.

**EXAMINATIONS**

Refer to the *Fellowship Candidate Handbook*.

**TRAINING PROGRAMS**

Refer to the *Fellowship Candidate Handbook*.

**TRAINING IN RELATED DISCIPLINES**

Refer to the *Fellowship Candidate Handbook*.

**EXTERNSHIPS**

Refer to the *Fellowship Candidate Handbook*.

**ACTIVITY LOG CATEGORIES**

Refer to the *Fellowship Candidate Handbook*.
RECOMMENDED READING LIST

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 core references, including comparative texts, and other source material. Candidates also should be guided by their supervisor. The list is not comprehensive and is not intended as an indicator of the content of the examination.

JOURNALS

General

Relevant subject matter from the following general medicine journals.

1. Journal of the American Veterinary Medicine Association
2. Australian Veterinary Practitioner
3. American Journal of Veterinary Research
4. Journal of the American Animal Hospital Association
5. Journal of Small Animal Practice
6. Veterinary Clinics of North America
7. Australian Veterinary Journal
8. Compendium of Continuing Education for the Veterinary Practitioner
9. New Zealand Veterinary Journal
10. Journal Veterinary Internal Medicine
11. Contemporary Issues in Small Animal Practice
12. Veterinary Radiology and Ultrasound
13. Equine Veterinary Journal
15. Equine Veterinary Science
16. Veterinary Record
17. Equine Practitioner
18. Diagnostic Imaging
19. Veterinary Radiology
20. New England Journal of Medicine

Cardiology Journals

Relevant subject matter from the following cardiology journals.

1. American Journal of Cardiology
2. Journal of the American College of Cardiology
3. American Journal of Physiology
4. Cardiology Clinics
5. Circulation
6. Cardiovascular Clinics
7. British Heart Journal
8. Australian and American Heartworm Society Bulletins
9. American Heart Journal

TEXT BOOKS

Veterinary Cardiology Fellowship Guidelines 2000
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Core Texts - General. Relevant material from the following:


Cardiology Texts - Veterinary.


Echocardiography


Magentic Resonance


Cardiac Rhythm


Equine

**Cardiology - Texts - Human.** Relevant material from the following:


**Texts for Species Other Than Dogs and Cats**


*Equine Exercise Physiology. Granta, Cambridge.*


*Read relevant Chapters.*

**Symposia.**


Specific Articles

The following publications may be consulted to give greater depth in a particular topic:


FURTHER INFORMATION

For further information contact the College Office

Telephone: International +61 (07) 3423 2016
Fax: International +61 (07) 3423 2977
Email: admin@anzcvs.org.au
Web: www.anzcvs.org.au
Postal Address: Building 3, Garden City Office Park, 2404 Logan Road

EIGHT MILE PLAINS QLD 4113 Australia.

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