



RESIDENCY TRAINING PROGRAM REGISTRATION
2019-2020
CARDIOLOGY

Part One

New applications for ACVIM Residency Training Programs must be received by the Residency Training Committee (RTC) 90 days prior to any residents beginning training. Before completing this form, please review the general and specific requirements for Cardiology Residency Training Programs in the ACVIM Certification Manual (CM). The current version of the CM is available on the ACVIM website at www.ACVIM.org.

Prior to making significant changes in a residency training program, approval of the ACVIM and Cardiology RTC must be obtained. The Candidate and/or Program Director must notify ACVIM, in writing before the changes are made to ensure that the proposed changes are approved. Significant changes could include, but are not limited to the following: changes in Program Director or advisors, transferring from one program to another, alterations in program duration, locations of secondary site training, switching to a 'dual board' program or enrolling in an institutional graduate program.

Notice: The data collected in this form is necessary both for the ACVIM to maintain its accreditation as a Registered Veterinary Specialty Organization and also is required for renewal of the residency training program. Some of the data collected is required of every specialty and some is specific to the specialty of Cardiology.

For multi-site residency programs: To ensure uniformity of training and compliance with current CM requirements, training programs that include multiple sites must provide detailed information regarding supervision and facilities available at each specific site(s). Multi-site programs, if any, will be addressed by the Program Director in Part Two.

Program Director Name:

Must be an active Diplomate of ACVIM in the Specialty of Cardiology or an approved ECVIM Diplomate in Cardiology

Program Director's Contact Information:

Work Phone:	<input type="text" value="++498921801671"/>
Mobile Phone:	<input type="text"/>
E-mail:	<input type="text" value="gwess@lmu.de"/>
Mailing Address:	<input type="text" value="Clinic of Small Animal Medicine
Veterinaerstr 13
Munich, 80539
Germany"/>

1. Location of Sponsoring Institution (Primary Site of Residency Training Program:

Primary Site Location:	Length of Training Program:
<input type="text" value="University of Munich"/>	<input type="text" value="3 year"/>

2. Resident Advisor(s): Must be a Diplomate of ACVIM in the Specialty of Cardiology or an approved ECVIM Diplomate in Cardiology. There is no restriction on the number of Resident Advisors; however, each Resident Advisor can supervise up to two residents concurrently.

3. Supervising Diplomate(s) on-site: Must be an active Diplomate of ACVIM in the Specialty of Cardiology or an approved ECVIM Diplomate in Cardiology.

4. Diplomates of ACVIM responsible for supervision of clinical training who specialize in areas other than Cardiology. If off-site, please explain the situation, and the method of providing direct contact with the resident.

Name and Specialty	Comments
Andrea Fischer - Neurology Katrin Hartmann - ECVIM Johannes Hirschberger - ECVIM Rossie Dorsch - ECVIM Astrid Wehner - ECVIM Bianka Schultz - ECVIM Stefan Unterer - ECVIM	

5. Residents currently participating in your training program, along with the beginning date of the program, expected ending date of the program, and designated resident advisor. All current residents and incoming residents (if known) should be listed here. Unless specifically approved, in advance, by the CRTC, the ratio of cardiology residents to on-site Cardiology Diplomates who are actively involved in resident training cannot exceed 2 to 1.

Resident Name	Start date (mm/dd/yyyy)	End Date (mm/dd/yyyy)	Resident Advisor Name*
Martin Torti 5.1.14 - 5.1.20 (Gerhard Wess)			



ACVIM

RESIDENCY TRAINING PROGRAM REGISTRATION 2019-2020 CARDIOLOGY

Part Two

Part Two of the Cardiology Residency Training Program addresses general features that apply to all current residents. (Part Three must be completed and submitted for each resident.)

Current Date:

Program Director Name:

(Must be a Diplomate of ACVIM in the Specialty of Cardiology or an approved ECVIM Diplomate in Cardiology)

Name of Residency Training Program:

1. Please list all **Diplomates** of the American College of Veterinary Pathology in the areas of clinical pathology or gross/histopathology associated with residency training. If off-site, please explain the situation, and the method of providing direct contact with the resident.

Name	Clinical or Gross	Comments
Prof Hermans	clinical and gross	Dipl ECVP
Prof Kaspar Mathiasek		Dipl ECVP

2. Please list all **Diplomates** of the American College of Veterinary Radiology associated with residency training. If off-site, please explain the situation, and the arrangements for direct contact with the resident.

Name	Comments
Dr Andreas Brühshwein	Dipl ECVDI

3. Please list the **Diplomates** available for consultation in the areas of dermatology, surgery, ophthalmology, anesthesiology, emergency/critical care, clinical nutrition, clinical pharmacology, and/or theriogenology. If off-site, please explain the situation and the arrangements provided for contact with the resident.

Name	Specialty	Comments
Dr. Ralf Müller	Dermatology	Dipl ACVD
Dr. Johannes Hirschberger	Oncology	Dipl ECVO
Dr. Andrea Fischer	Neurology	Dipl ACVIM
Prof Meier-Lindenberg	Sugery	Dipl ECVS

4. **Research Requirements:** In recognition of the importance of scientific discovery as a critical mission of the ACVIM, all Residency Training Programs shall include an assessment period or instruction and/or participation in creative scholarship which will foster an appreciation of, competency in, and contribution to the knowledge base of their respective specialty and which will support their development as clinician scientists. This requirement is fulfilled through satisfactory completion of A and one of B [See GIG D.2.d]:

- A. Journal Club: Routine and regular participation in a critical review of the literature, a minimum of eighty (80) hours during the program. Describe how this requirement is met or exceeded.

weekly JC in cardiology (1 hour). Additionally weekly JC in internal medicine (1 hour). Additionally weekly book club (1 hour)

- B. Successful completion of any one of the options listed below. Describe how this will be fulfilled or exceeded in the individual trainee’s specific application.
1. Successful completion of at least two (2) of the following three (3) short courses/workshops offered by ACVIM either on-line or at the Forum:
 - A. Critical evaluation of veterinary medical/biomedical literature
 - B. Grant Writing
 - C. Study, design and participation in clinical trials
 2. Documented submission of a grant proposal (by advisor letter)
 3. Acceptance and presentation at a scientific meeting of an abstract (oral or poster) of original work
 4. Documented completion (by advisor letter) of a prospective or retrospective research program pertinent to the candidate’s specialty
 5. Documented completion (by advisor letter) of graduate course work in biostatistics, research methods, and/or research ethics.

Residents are encouraged to perform and present their research projects at either ECVIM or ACVIM meeting (all former and current residents have done this so far). They attend also statistic courses at the LMU University. Resident research projects are discussed and presentet to a committee at our faculty and residents are also encouraged to write grand proposals.

Note: Letters of documentation by advisors will need to accompany the final submission of the Resident Logs to the Residency Training Committee in order to qualify for a resident certificate.

5. Please indicate the availability of the following facilities or equipment. Indicate if these are available on-site at the primary training site, or at a different location. (In the Location column, indicate on-site for primary location or the name of the facility where the equipment is located if off-site.) For facilities that are not on-site, please describe the situation and availability in the space at the end of this section. See GIG E.1.h.1 for details.

	Available?		Location of equipment? (On-site or list site name)
	Yes	No	
a) Standard radiological equipment [must be on-site]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Ultrasonographic equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Echocardiography equipment [must be on-site]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) Cardiac catheterization capability [must be on-site]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Endoscopy equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
GI equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Bronchoscopy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cystoscopy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rhinoscopy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Laparoscopy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f) Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, cytology, parasitology, microbiology, endocrinology, anatomic and histopathology)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g) Serum osmolality measurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
h) Colloid oncotic pressure measurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
i) Electrocardiography [must be on-site]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
j) Blood Pressure Measurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
k) Electroencephalography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
l) Electromyography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
m) Brainstem Auditory Evoked Response Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
n) Nuclear Medicine [access is desirable]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
o) Computed Tomography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

- p) Magnetic Resonance Imaging
- q) Radiation Therapy Facility
- r) Veterinary Library w/Literature Searching Capabilities
- s) Computerized Medical Records w/Searching Capabilities
- t) Medical Library w/Literature Searching Capabilities
- u) Intensive Care Facility – 24 hours
- v) Urethral pressure profile & cystometrography
- w) Hemodialysis capability
- x) Total parenteral nutrition capability

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

If any of the above equipment or facilities are available off-site, please explain how the resident can access them for case management, research, or study.

--

6. Total Cardiology caseload per year: _____
 Number of cardiac catheterizations per year: _____
 Number of echocardiographic examinations per year: _____

2000
80
1800

7. Please list the residents who have completed the cardiology training programs at your site within the last five years, including the year that each individual’s training program started and ended. If at all possible, please indicate whether the individual has completed the board certification process.

Name	Program Start Date (mm/dd/yyyy)	Program End Date (mm/dd/yyyy)	Diplomate Status (Yes or No)
Dr. Markus Killich	2007	2010	Yes
Dr. Lisa Keller	2008	2011	Yes
Dr Julia Simak	2009	2012	Yes
Dr. Peter Holler	2011	2014	Yes

8. Please list the residents currently participating in your training program, along with the beginning date of the program, expected ending date of the program, and designated resident advisor. All current residents and incoming residents (if known) should be listed here. Part Three of this form must be completed for each resident listed here. Unless specifically approved, in advance, by the CRTc, the ratio of cardiology residents to on-site Cardiology Diplomates who are actively involved in resident training cannot exceed 2 to 1.

Resident Name	Program Start Date (mm/dd/yyyy)	Program End Date (mm/dd/yyyy)	Resident Advisor First & Last Name
Dr Marin Torti	2014	2019	Gerhard Wess
Dr Sabine Hertzsch	2015	2019	Gerhard Wess

Please note, any Program Director or Candidate that significantly changes or alters this Residency Training Program before completion must notify ACVIM, in writing, before the changes are made to ensure that the proposed changes are approved.

Significant changes could include, but are not limited to:

- transferring from one program to another
- alterations in program duration
- switching to a ‘dual board’ program
- enrolling in an institutional graduate program
- change of Program Director or Resident Advisor

As Program Director, I verify that the above information is an accurate reflection of this Residency Training Program.