

Veterinary Radiographer

Position Purpose:	To assist in the day to day running of the Imaging section and to contribute to the teaching of Veterinary Imaging to Veterinary Students.	
Department:	Veterinary Teaching Hospital within the School of Veterinary Science	
Location:	Manawatu	
Reports to:	Head Radiographer	
Responsible for:	Nil	
Delegations:	Nil	
Job Title:	Veterinary Radiographer	
Key relationships:	Internal Head Radiographer Radiologists Fellow Veterinary radiographers Fellow Veterinary Colleagues (Internal and External) Fellow Research Colleagues (Internal and External) Veterinary Students	External Clients of the Veterinary Teaching Hospital Referring Veterinarians

Massey University: We are a world-leading university in many academic disciplines and fields of research. Our point of difference is research that is connected to community and industry. Our researchers are developing expertise and skills to advance human knowledge and understanding. Working together across disciplines and locations, we solve national and global problems through fundamental, applied and interdisciplinary research, while culturally and artistically enriching our world.

We are deeply committed to being a Te Tiriti-led university, demonstrating authentic leadership in contemporary Aotearoa New Zealand as we uphold Te Tiriti o Waitangi, the founding document of our nation, and its principles through our practice. We embrace this not just as an obligation but as a real opportunity for the nation and its people.

Our educators are preparing a new generation of global leaders. Our students are diverse and are attracted to Massey because they want to achieve their personal goals or make their mark in the world. They experience world-class learning that recognises their intellectual and cultural strengths, expands their horizons and prepares them to contribute to a rapidly transforming world with skills, critical and creative thinking and leadership.

We will be renowned for our passion and caring attitude. All Massey campuses will be innovation ecosystems, acting as magnets for smart enterprises. Wherever we are, we will operate in partnerships founded on respect, trust and mutual benefit. Massey is not only defined by what we do, but by how we do it.

About this area

The School of Veterinary Science advances knowledge in animal health and welfare, biosecurity, conservation, and sustainable productivity. We are a world-leader in our field, working with governments, other universities, international and national organisations, and companies to improve animal health and production, and human health. We have over 1000 students, 250 staff and 170 research programmes.

The Veterinary Teaching Hospital is the main clinical setting for teaching undergraduate and post graduate veterinarians and veterinary technicians. As part of Massey University, it also supports research, and advancement of clinical practice.

Massey core capabilities

At Massey we are Tiriti-led, upholding Te Tiriti o Waitangi principles through our practice, we:

- Demonstrate awareness of Te Tiriti o Waitangi and its contribution to Aotearoa New Zealand society.
- Understand the relevance of Te Tiriti o Waitangi in relation to the work of the University and the people we serve.
- Embracing Te Reo in relevant and practical ways in our workplace interactions and engagement with external stakeholders, giving expression to Tikanga Māori and protocols that demonstrates that we respect and value Māori conventions in appropriate settings.

At Massey we work together with mutual respect and caring. we:

- Act with integrity and trustworthiness and give credit to others for the work they do.
 - Work cooperatively and inter-dependently to foster and promote the One University approach.
 - Share knowledge and communicate professionally with courtesy and mutual respect.
 - Are ethical in all transactions, working within the parameters of our policies and procedures.
 - Are direct, truthful and maintain confidentiality.
 - Seek to understand and appreciate our differences.
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 - Keep ourselves and others safe; work together to embrace with the University's health, safety and wellbeing policies, procedures and programmes; display commitment by actively supporting all safety and wellbeing initiatives: and by actively engaging in health and safety improvement opportunities.
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At Massey we are future-focused, results- oriented and strive for excellence. we:

- Take ownership and responsibility for delivering results to support achievement of University objectives.
- Provide the best quality services to our customers (internal and external) ensuring our students/ stakeholders are at the heart of everything we do.
- Deliver or support world-class research, teaching and learning and citizenship.
- Take personal responsibility for our performance, take pride in doing our job well, and commit to ongoing personal and professional development.
- Are motivated and create a positive working environment where our values are reinforced.
- Anticipate and respond with agility and resilience to the changing needs of the University and the communities we serve.
- Seek ways to improve our services to deliver in an efficient and effective way.
- Embrace technology and apply this innovatively to better meet the needs of those we serve.
- Challenge ourselves to reach our potential and help bring out the best in others.
- Understand how what we do contributes to the objectives of the University.

Accountabilities

General

- Assist with the day to day running of the Imaging section. This includes working with multiple departments throughout Massey University and external facilities.
- Organise radiography, fluoroscopy, ultrasound, and computed tomography (CT) for clinical cases of all veterinary species.
- Operation of computer tomography (CT) equipment.
- Provide on-call CT support to Veterinary Specialist Surgeons after hours.
- Liaise with Radiologists and Radiology Residents in obtaining studies.
- Provide imaging skills to research projects throughout Massey University and affiliates which may occasionally include inanimate objects.
- Assist Radiologists with ultrasound procedures, image archiving and machine maintenance.
- Inventory management and ordering of consumables for the department.
- Communication with company representatives
- Administrative duties associated with all modalities, including but not limited to pricing of procedures, teleradiology and the processing of radiology interpretation reports.
- Clean and maintain Imaging equipment including: 2 x Philips Bucky Diagnostic Ceiling suspended X-Ray Systems; Philips BV Pulsera Image Intensifier (fluoroscopy); Phillips CT Big Bore RT with a specialised custom-made equine table, various portable x-ray systems and Toshiba Aplio 550 ultrasound machine.

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- Small animal manual handling skills (patient weight range 0.5kg-100kg) including sedated/anaesthetised animals, critically ill animals, and aggressive animals.
 - Large animal manual handling skills (horses, cows, sheep, goats) including manoeuvring them whilst they are sedated.
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Service

- To contribute toward and ensure maintenance of a high-quality diagnostic Imaging service to Massey Clients, Referring Veterinarians, and Research Facilities.
 - Commercial imaging service to internal and external research facilities and clinical clients thus contributing towards revenue for the School of Veterinary Science.
 - To contribute toward 'best practice' instruction of essential radiographic image acquisition techniques for Veterinary Students.
 - To contribute toward 'best practice' instruction of essential advanced imaging for example Computed tomography (CT) to Veterinary Students.
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Practical Instruction

- Assist with practical and tutorial-style small-group (5-30 students) teaching of Veterinary students.
 - Provide quality on-the job practical and tutorial-style teaching assistance, and supervision of veterinary undergraduates and colleagues (within the bounds of the incumbent's knowledge and role).
 - Contribute to the evaluation / assessment of a student's practical and professional skills.
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Health and Safety

- Lead and manage radiation risk towards the health & safety for students, colleagues, and clients.
 - Follow any reasonable instructions given by management and comply with any relevant health and safety policies and/or procedures.
 - Work within the health and safety guidelines with regards to live animals and infectious diseases including zoonotic diseases.
 - To manage and maintain compliance of radiation safety standards – within the Veterinary Teaching Hospital through the updating and maintenance of the Radiation Safety Plan, in accordance with the Ministry of Health - Office of Radiation Safety (ORS) via the Code of Safe Practice for the use of x-rays in Veterinary Diagnosis (NRL C9)
 - Dosimeter (Radiation exposure badges) monitoring for over 100 staff including pregnant staff via fetal monitoring badges.
 - Undertake Local Fire Warden training and responsibilities for the Imaging suites, to be able to effectively respond to and instruct others in the event of emergencies and evacuation events
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Computer and technology skills

- Microsoft Office programmes.
- Work with Veterinary Software – maintaining up to date clinical records and demonstrate confidentiality with regards to patient and client's details including financial information.
- Understand file types including the transferring of these files to external sources such as telemedicine.
- *Understand and work with Massey University's Picture Archiving and Communication System (PACS)* an international medical standard for the storing of images from all Imaging modalities.
- Be able to use and troubleshoot the Veterinary Teaching Hospitals Imaging software, (RadiANT, Vet Rocket and Osirix).
- Work directly with Philips and Toshiba/Cannon software engineers to troubleshoot software problems with the equipment.
- Work directly with Philips engineers with regards to the maintenance and servicing of the Imaging equipment.

Qualifications and Experience

Qualifications:

Medical Radiation Technologist (MRT) or Veterinary Nurse/Technician with a special interest and experience in radiography.

Experience:

- 3 -5 years practical experience that involves radiography and/or veterinary nursing and animal handling.
- Previous experience with digital radiography, computed tomography (CT) and fluoroscopy would be an advantage.

Capabilities

Communication Essential

- Conducts discussions in a respectful manner, that are sincere and fully expressed.
- Develops a clear, complete understanding of needs and problems through careful listening, probing, reflecting, and summarising.

Inclusiveness and flexibility Essential

- Be able to work with multiple species with regards to gaining diagnostic Imaging for all modalities
- Can be flexible in order to accommodate an often changing and demanding environment.
- Be able to relate well to people from a diverse range of cultural backgrounds.
- Demonstrate excellent professional relationship skills.
- Be able to not only work well as part of a team but work efficiently independently.
- Be proactive and highly organised.
- Demonstrate initiative and respond to situations where others need assistance.

Pre-employment checks

Essential

- Requirement to pass a Criminal and Traffic Convictions (Security) Check performed by the Ministry of Justice.
 - Requirement to pass a Qualifications Validation Check.
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