



Add-On Radiation Oncology Training Program

- Program Location:** The College of Medicine and Veterinary Medicine
The Royal (Dick) School of Veterinary Studies
Hospital for Small Animals
The University of Edinburgh
United Kingdom
- Program Type:** Standard (add-on radiation oncology training program)
- Program Director:** Magdalena Parys, DVM, MS, Dipl ACVR (Radiation Oncology),
Dipl ECVDI (Add On Rad Onc), MRCVS
- Trainee Supervisors:** Magdalena Parys, DVM, MS, Dipl ACVR (Radiation Oncology),
Dipl ECVDI (Add on Rad Onc), MRCVS
Juan Carlos Serra Varela, Ldo Veterinaria, Dipl ECVIM-CA
(Oncology), MRCVS
Spela Bavcar, DVM, Dipl ECVIM-CA (Oncology), MRCVS
Evi Pecceu, MVM, Dipl ECVIM-CA (Oncology), MRCVS
Jocelyn Bisson, MA, VetMB, MRCVS
Tobias Schwarz, MA Dr. med. vet. Dipl ECVDI DACVR DVR FRCVS
Tiziana Liuti, DVM, PhD, ECVDI, Pg. CAP, MRCVS, FHEA
David Argyle, BVMS, PhD, Dipl ECVIM-CA (Oncology), FRSE, FRSA,
FRCVS
Suzanne Murphy, BVM&S, MSc (Clin Onc), Dipl ECVDI-CA
(Oncology), MRCVS
- Total length of program:** Variable (usually 24 months)

Objectives: The objectives of the training programme are to give advanced training in veterinary radiation oncology for individuals that are board certified or board eligible in ECVDI or ECVIM-CA [Onc] and to prepare the trainee for the add on specialty certification examination (**add on Rad Onc**) of the European College of Veterinary Diagnostic Imaging or European College of Veterinary Internal Medicine, Companion Animal, Oncology.

Description:

RT Team:

- 1 board certified radiation oncologist, 1 medical oncologist (add on Rad Onc board examination eligible), 1 therapeutic radiographer, ad hoc physicist,
- 3 oncology nurses

***the radiation oncology team is supported on a daily basis by a veterinary anaesthetist



Equipment:

Radiation therapy and planning equipment available:

- Vital Beam linear accelerator with 120-multileaf collimator and on-board cone-beam CT (CBCT)
 - Photons: 6MV & 10MV
 - Electrons: 6MeV, 9MeV, 12MeV, 15MeV, 18MeV & 20MeV
- Varian Eclipse version 15.6 (Radiation Planning System)
- Varian ARIA (record-and-verify system)
- 4 degrees of freedom couch
- Positioning devices: bite plate system, thermoplastic masks, vac-lock bags, etc.
- Manual planning, 3D-CRT, IMRT, VMAT/Rapid Arc planning
- Stereotactic radiosurgery/radiotherapy (SRS/SRT) available
- Map Check 3

Diagnostic imaging modalities available on site:

- 64-slices Computed Tomography
- Magnetic Resonance Imaging
- Digital X-ray
- Nuclear Medicine
- Ultrasound

Case load:

- Approximately 100-150 RT patients/annum

Training: In addition to radiation oncology, rotations through other services (medical oncology, diagnostic imaging, anaesthesia, clinical pathology) are included. There will be access to daily medical/radiation oncology clinical rounds, weekly oncology journal club, weekly cytology/pathology rounds, weekly radiology and MRI rounds, weekly hospital grand rounds, weekly research seminars (Roslin Institute). In addition, there will be an optional externship at the Edinburgh Cancer Centre at the Western General Hospital in Edinburgh available.

Annual leave allowance: 6 weeks per year

Responsibilities and tasks:

Training will include small animal radiation therapy consultations with owners, in house clinicians, formulation, evaluation and delivery of treatment plans and follow up examinations for management of adverse effects. The trainee will receive direct supervision



from radiation oncologist during clinical; the trainee will also be responsible for recording clinical notes. The trainee will be encouraged to participate in a research project during the residency programme.

Additional information:

Please contact Magdalena Parys (magdalena.parys@ed.ac.uk) or Juan Carlos Serra Varela (juan.serra@ed.ac.uk) for further information.

In addition to the Add-on Radiation Oncology program we also offer a medical/radiation oncology internship which is a one-year program. Board certification is not required. Please contact us if you are interested.

Please visit:

<https://www.ed.ac.uk/vet/services/small-animals>

Check for residency and internship position availability:

<https://www.ed.ac.uk/human-resources/jobs>