

Southfields
veterinary specialists

HUGE DIFFERENCE WORLD-CLASS EXPERTISE

A guide to the multi-disciplinary specialist services available at Southfields, covering everything from nose to tail



Huge difference – *commitment and investment*

With the ongoing investment programme that Southfields Veterinary Specialists has embarked upon now firmly underway, it is the perfect time to reflect on just how far we have come since the new management team came on board and we rebranded from VRCC to Southfields in July 2017.

Southfields is one of the few veterinary centres in the UK to have a linear accelerator and is a leader in the treatment of cancer in dogs and cats.

Building on this firm foundation, our expansion project has enabled us to significantly expand the number of Specialist services we offer, recruiting top Specialists from around the world to provide an outstanding service to our referring vets and their clients.

New disciplines:

- cardiology
- dermatology
- orthopaedics.

Existing disciplines:

- anaesthesia
- neurology and neurosurgery
- oncology
- radiotherapy
- soft tissue surgery.

Enhanced disciplines:

- diagnostic imaging
- internal medicine.

Disciplines to be launched:

- emergency and critical care (from October 2018).

We have also invested in new equipment and made changes to our facilities that make a huge difference to the way we operate.

New facilities and equipment:

- new cat ward and extended kennels
- extra consulting rooms
- new reception and waiting areas
- extended imaging department and endoscopy and chemotherapy facilities
- new state-of-the-art diagnostic equipment.

Our investment programme to expand our multi-disciplinary services and provide new diagnostic equipment ensures that patients benefit from the best possible analysis ahead of all treatments. It also enables the team to create specific radiation and chemotherapy plans.

Huge difference – *outstanding clinical care*

We are passionate about achieving the highest standards of clinical care and the best possible outcomes for our patients 24/7, 365 days a year.

We have scoured the globe to recruit some of the most highly-trained and highly-qualified Specialists and experts in their field.

New appointments:

- Domingo Casamian-Sorrosal, head of cardiology and cardiopulmonary
- Chris Scudder, head of internal medicine
- Filippo De Bellis, head of dermatology
- Jérôme Benoît, head of radiation oncology
- Sarah Mason, head of oncology
- Duana McBride, head of emergency and critical care.

Our new appointments will reinforce Southfields' reputation as a multi-disciplinary centre of cutting edge expertise and excellence.

Huge difference – *world-class expertise*

Southfields' world-class expertise and Specialist care spans across our multi-disciplinary services.

We feel passionate about making our Specialist services as accessible as possible to you and your patients because patients referred from service to service can be seen under one roof within our centre, based in Laindon, Essex.

If you wish to speak to one of our Specialist teams prior to referral, or if you would like advice regarding one of your patients, we are always here to help with no obligation for onward referrals.

Simply call **01268 564664** or email **info@southfields.co.uk**.

Huge difference – *see for yourself*

For a tour of Southfields, including our state-of-the-art oncology and radiation facilities, or to discuss the referral services available, please contact our Business Relationship Manager on **07383 084878**.

To find out more information about Southfields, go to **www.southfields.co.uk**

We positively encourage feedback to continuously build and improve our service. If you would like to pass on any comments, please email **info@southfields.co.uk**

We look forward to talking to you about how we can help you and your patients.

Henry L'Eplattenier

Dr. Med. Vet PhD DipIECVS MRCVS

Clinical Director and Past-President of the European College of Veterinary Surgeons.

Daniel Hogan

RVN

Operations Manager



Anaesthesia and Analgesia



Overview

Our anaesthesia and analgesia team consist of RCVS and European Specialists, residency-trained consultants and dedicated anaesthesia nurses, who are committed to the provision of safe anaesthesia and analgesia, giving the very best care for all patients.

The anaesthesia and analgesia service work closely with the wider team to ensure all of our patients receive the best possible pain relief and with all our multi-disciplinary services to formulate optimal multi-modal analgesia plans for all patients under their care.

The anaesthesia and analgesia service also assists all our other services, including emergency and critical care, to optimally manage emergency and critical care patients.

Advanced clinical services include:

- multi-modal approach to analgesia in all cases, including the use of acupuncture
- acupuncture outpatient and pain management clinics
- critical care support, with an anaesthetist forming part of the ICU team as standard
- syringe-drivers available for all patients post-operatively
- interventional respiratory radiology techniques.

Equipment and facilities include:

- state-of-the-art monitoring equipment, including capnography and continuous ECG, available for every patient, from induction until completely recovered, including patients that are discharged to wards and ICU units
- defibrillator and ventilators
- arterial blood gas monitoring.

Cardiology and Cardiopulmonary



Overview

Led by a recognised RCVS and European Specialist in both cardiology and internal medicine, the cardiology and cardiopulmonary team is highly experienced in the management of complex cardiac cases. It also has the expertise to treat cases with both cardiac and respiratory pathology.

The cardiology service is also supported by 24-hour veterinary and nursing teams to ensure all of our patients have the optimal potential to make a full and uneventful recovery. Our team aim to see urgent patients the same day where required.

We encourage telephone calls from vets who require advice on the management of cardiac and respiratory cases. The team is also available to help with the interpretation of ECGs and radiographs, with no obligation for onward referrals.

Advanced clinical services include:

- pacemaker implantation
- treatment of PDA with transcatheter embolisation
- balloon catheter dilatation for pulmonic stenosis, aortic stenosis and other congenital heart defects
- arrhythmia monitoring
- Holter-monitor application on an out-patient basis
- interventional radiology for respiratory conditions
- cardioversion for atrial fibrillation.

Official screening

- listed as an official screener by the Veterinary Cardiovascular Society
- listed by PawPeds as a screener for cats.

Equipment and facilities include:

- excellent intensive care provisions with 24/7 nursing care
- Specialist-led advanced diagnostic imaging including CT, ultrasonography and fluoroscopy (interventional procedures) with bespoke protocols
- echocardiography - Vivid E95 including transoesophageal echocardiography
- ECG, 12-lead digital ECG recording
- high-quality endoscopy equipment with all sizes and accessories
- state-of-the-art fluoroscopy unit for interventional procedures.



Dermatology

Overview

The dermatology service, led by an RCVS and European Specialist in dermatology, provides a full work up, diagnosis and treatment of recurrent skin diseases, including investigation and treatment of otitis externa/media via CT, parasitic, fungal and other miscellaneous skin diseases and allergy investigation, including intradermal skin testing.

The multi-disciplinary Specialist team enables a collaborative approach to treatment for patients with underlying disease, such as endocrine or neoplastic disease and presenting with secondary skin lesions.

Advanced clinical services include:

- comprehensive investigation of patients with otitis using advanced imaging (CT) and video-otoscopy for investigation of otitis cases, with access to Specialist surgeons should surgical intervention be required
- intradermal allergy testing for dogs and cats with atopic dermatitis
- treating pruritic cases, refractory to standard therapy cases with an unknown cause of pruritus and patients with unusual lesions
- in-house diagnostic microscopy and cytology, performed at the time of consultation, to allow rapid diagnosis and greater client understanding of the diagnosis, condition and treatments.

Equipment and facilities include:

- Specialist-led advanced diagnostic imaging, including CT scanning, and MRI with bespoke protocols to investigate all types of dermatological disease
- on-site microscopy
- in-house cytology performed at the time of consultation for rapid diagnosis
- state-of-the-art video-otoscope for recurrent otitis investigation
- in-house laboratory to undertake histopathology and microbial culturing under controlled conditions.

Diagnostic Imaging



Overview

A comprehensive service provided by world-leading RCVS and European Specialists, forming the corner-stone of our multi-disciplinary approach to patient care.

The diagnostic imaging team is based in the centre of the hospital, so that all our other Specialist services have direct access to their advanced equipment and specialist techniques.

All members of the team practice 'clinical radiology', so they are actively involved in the patient diagnostics and the clinical aspects of case discussion with our other multi-disciplinary teams, aiding the patient journey and supporting their treatment.

Advanced clinical services include:

- complete interpretation at the time of imaging
- adaptation of imaging according to findings, using specific targeted sequences and ensuring that unexpected findings are promptly investigated as well as reducing imaging times
- on-site NHS trained radiographer, providing the highest quality images and reduced patient imaging times
- fixed pricing for routine diagnostic procedures, so please contact us for further information.

Equipment and facilities include:

- high field-strength MRI scanner
- Advanced CT scanner
- digital radiography rooms with direct digital radiography
- ultrasonography rooms
- fluoroscopy unit (contrast studies and interventional procedures)
- orthopaedic x-rays assessed free of charge ahead of a potential referral
- 2 general ultrasound machines
- 1 cardiology Vivid E95 ultrasound machine
- portable ultrasound for critical patients.

Emergency and Critical Care (ECC) Service



Overview

Our new ECC service will provide outstanding care to our patients when they need it most and our ECC Specialist will be available to support and advise referring veterinary surgeons on critical cases.

The ECC team will look after the initial triage of critically ill patients and provide an emergency care plan tailored to the needs of each patient. After patients have been stabilised, the ECC team will involve Specialists from other services to provide follow-up care.

The ECC clinician will also be responsible for supporting our veterinary surgeons. With access to canine and feline blood and blood products, we will ensure the highest-level intensive care is given to post-surgical patients at all times.

We will be happy to receive advice calls from referring vets so we can discuss cases and provide support, even with no onward referral.

Advanced clinical services include:

- management of all types of emergencies, whether medical, surgical or neurological, e.g. fluid therapy, ventilation and cardiopulmonary resuscitation
- transfusion medicine with a full range of blood and blood products available on-site, including in-house crossmatching
- intensive care units within each discipline.

Equipment and facilities include:

- state-of-the-art facilities with superbly well-equipped intensive care units and 24-hour nursing care
- one-to-one nursing for the most critically ill patients
- advanced crash kit with defibrillator
- ventilation support for patients with respiratory compromise
- well-equipped in-house laboratory, including clotting and blood gas analysis
- Specialist-led advanced diagnostic imaging including ultrasound, CT, and MRI.

Internal Medicine



Overview

Southfields has a dedicated Specialist-led internal medicine team with extensive experience in acute, chronic and urgent medical problems. By taking an inclusive multi-disciplinary approach, the team work closely with their colleagues in other disciplines.

Many new cases and emergencies are seen first by the medicine team and the continuity of care that we provide means referring veterinary surgeons, our patients and their owners all benefit from having access to a member of the Specialist team, whenever needed.

Our team welcomes calls for advice on specific patients and cases, even if no referral is required.

Advanced clinical services include:

- endoscopic techniques
- transfusion medicine with a full range of blood and blood products available on-site, including in-house crossmatching
- continuous glucose meter to allow monitoring of challenging diabetes
- bone marrow sampling
- feeding tube placement and management
- fixed pricing for the most common medical procedures, so please contact us for further information.

Equipment and facilities include:

- superbly well-equipped intensive care units with 24-hour nursing care
- Specialist-led advanced diagnostic imaging including ultrasound, CT, fluoroscopy (contrast studies) and MRI with bespoke protocols
- 24-hour out-of-hours Specialist-led medicine service.
- state-of-the-art endoscopy suite equipped with a wide range of flexible and rigid endoscopes
- soundproof wards
- isolation for infectious patients
- canine wards available based on patient requirements, including larger kennels for giant breeds
- separate feline ward to reduce stress in hospitalised cats.

Neurology and Neurosurgery



Overview

An RCVS and European Specialist-led neurology team, offering complete medical and surgical services for all types of neurological conditions.

Our experienced team is passionate about providing support to general practitioners, with telephone advice readily available and all urgent appointments seen on the same day.

The neurology service works closely with the experienced Specialist orthopaedic and diagnostic imaging teams as part of their multi-disciplinary teamwork approach to patient care.

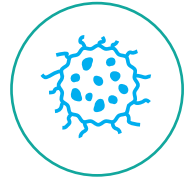
Advanced clinical services include:

- wide range of spinal and intra-cranial surgical procedures, including fracture repair and placement of ventriculoperitoneal shunts
- neuromuscular investigations
- nerve and muscle biopsies
- long consultations facilitating detailed discussions of complex cases with owners
- epilepsy clinics
- treatment of inoperable brain tumours working with the surgical and radiotherapy teams
- advanced nursing care 24/7, including rehabilitation and physiotherapy nurses.

Equipment and facilities include:

- state-of-the-art surgical facilities
- neuroimaging, a Specialist-led imaging service, routinely performed on the day of consultation, with every CT and MRI tailored to the patient
- high-resolution 3D MRI reconstruction for evaluation of fine structures including cranial and spinal nerves and diffusion MRI (ADC mapping) to evaluate cerebrovascular accidents
- CT scanner enabling 3D reconstruction and CT-myelography
- advanced electrodiagnostic unit, including electromyography (EMG), nerve conduction, F-wave air repetitive stimulations
- superior intensive care for unstable epileptic patients (1:1 nursing care).

Oncology



Overview

One of the largest Specialist teams consisting of American and European diploma-holders, led by an RCVS and European Specialist in Oncology. The team has over 30 years of combined expertise and experience working with a multi-disciplinary approach to cancer patient management.

The oncology team also work closely with our radiotherapy and surgery teams to optimise patient treatments, especially as we offer in-house radiation as part of our cancer treatment.

The oncology team encourage case discussion with referring vets. In addition, great care is taken to ensure clients are given excellent counselling on therapeutic options and prognosis and are given the time that they need to decide on a plan which is right for their pet.

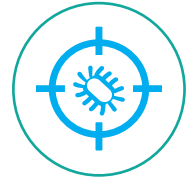
Advanced clinical services include:

- medical oncologists work directly with the highly experienced surgical oncology team, optimising and improving outcomes of oncology cases and enabling novel therapeutic approaches such as sentinel lymph node mapping
- cutting-edge and novel medical therapies available, including melanoma vaccine, tyrosine kinase inhibitors, metronomic chemotherapy and immunotherapy
- 24/7 care and support from our full-time medical oncology team
- out-of-hours support and treatment by our oncology team, where appropriate
- chemotherapy-specific nursing team with extensive experience in chemotherapy delivery.

Equipment and facilities include:

- specialised oncology facilities with experienced oncology nurses
- in-house laboratory for rapid results enabling chemotherapy administration during the consultation slot
- separate chemotherapy treatment rooms
- closed delivery system.

Radiotherapy



Overview

Southfields is one of the few centres in the UK to offer in-house radiation as part of our treatment for cancer. Led by a world-renowned RCVS and European Specialist, our radiation team has many years of experience dealing with radiation oncology cases.

The radiotherapy service enables referred patients to access a full-time, fully-functioning linear accelerator (LINAC), which uses ionizing radiation to accurately target and treat neoplasia and occasionally specific benign diseases.

Our service also offers a unique online platform that allows the referring veterinary surgeons to enter some basic information with the client and then discuss the potential treatment plans before booking a referral.

Advanced clinical services include:

- definitive radiotherapy treatment (also known as curative-intent treatment), which is usually the protocol of choice for most cancers as it gives the best chance of long-term tumour control
- palliative radiotherapy treatment (also known as hypofractionated treatment), which delivers a lower dose of radiotherapy that is sufficient to slow the tumour's growth or reduce associated pain
- low dose radiation therapy (LDRT) for osteoarthritis (OA), which is available for dogs to control chronic, unresponsive pain in the long-term.

Equipment and facilities include:

- bunker made from solid concrete and lead
- Varian linear accelerator
- sophisticated planning software, specifically to decide on correct treatment plans and ensure optimal treatment of cancer with minimal side effects and complications
- specialist vacuum bags for patient positioning to ensure accurate treatment.



Orthopaedics

Overview

The RCVS and European Specialist-led orthopaedic surgical team welcomes acute, chronic and urgent orthopaedic cases.

Our surgeons are highly experienced in the prevention, diagnosis and treatment of a wide variety of orthopaedic conditions in both dogs and cats and are trained to use a wide range of surgical techniques, equipment and implants.

Advanced clinical services include:

- fracture fixation from simple to the more complex fractures
- joint luxation or ligament injuries, ligament repair or arthrodesis
- elbow dysplasia and investigation with advanced imaging and treatment by arthroscopy
- musculo-skeletal neoplasia
- orthopaedic x-rays assessed free of charge ahead of a potential referral
- fixed pricing for the most common orthopaedic procedures, so please contact us for further information.

Equipment and facilities include:

- advanced imaging including MRI, CT and intra-operative fluoroscopy
- Synthes locking plates and screws
- Colibri battery-powered drill and oscillating saw
- locking TPLO plates
- external fixator
- Storz arthroscope and video tower.

Soft Tissue Surgery



Overview

Our soft tissue surgery service provides the majority of surgical procedures that do not fall under the remit of our orthopaedic surgery team.

The soft tissue team is led by an RCVS and European Specialist, working closely with Specialists across our disciplines, as part of our multi-disciplinary approach to patient care.

The highly experienced team also play a pivotal role in the management of many cases referred to our internal medicine and oncology services.

Advanced clinical services include:

- collaborative approach to cancer patients with our oncologists and radiation oncologists
- complex reconstructive techniques, enabling an aggressive approach with better outcomes after surgical removal of tumours
- emergency out-of-hours surgical service provided by surgeons with a wide experience in the management of complex surgical emergencies
- a multi-disciplinary approach to brachycephalic obstructive airway syndrome (BOAS) patients in co-operation with the cardiorespiratory service
- minimally invasive surgeries including laparoscopy and thoracoscopy.

Equipment and facilities include:

- state-of-the-art surgical facilities and 24/7 intensive nursing care experienced in rehabilitation of critical patients, e.g. tube feeding
- multi-modal post-operative analgesia in co-operation with the anaesthesia service
- burrs and oscillating saws
- vessel sealing devices
- vacuum-assisted wound closure.

How to refer

Case Advice

We welcome calls if you require pre-referral advice about a patient, even if no referral follows.

Telephone: 01268 564664



Case Referral



Emergency, Urgent and Out-of-Hours

Telephone: 01268 564664



Non-Emergency



Online

Go to:

southfields.co.uk/refer

Complete information and upload relevant history, test results/radiographs and a covering letter



Email



Telephone



Fax



Post

Please remember we'll need the following details:

Your details:

- ⊙ Name
- ⊙ Practice
- ⊙ Address
- ⊙ Phone Number
- ⊙ Email Address

Owner details:

- ⊙ Owner name
- ⊙ Owner address
- ⊙ Owner telephone
- ⊙ Owner email

Patient details:

- ⊙ Name
- ⊙ Species/Breed
- ⊙ Sex
- ⊙ Age

Details of the referral:

- ⊙ Discipline you are referring
- ⊙ Description of the condition and the reason for referring



Email

info@southfields.co.uk



Telephone

Call our dedicated vetline:
01268 564664



Fax

Fax details to
01268 564665



Post

Southfields Veterinary Specialists, No 1 Bramston Way Southfields, Laindon, Essex SS15 6TP

Please supply all relevant clinical history

Diagnostics (including normal and abnormal results) blood tests, urinalysis, cytology or histopathology results and radiographs

Why refer to Southfields Veterinary Specialists?

Services

-  Multi-disciplinary referral service
-  Radiotherapy and advanced treatment options for oncology cases
-  Free telephone advice given with the minimum of delay
-  Daily emergency and urgent appointments available
-  Urgent cases are seen the same day, wherever possible
-  Outstanding clinical care, 24/7, 365 days a year
-  24-hour intensive care service
-  Rapid feedback on diagnosis and treatment

How to refer



Online

[southfields.co.uk/
refer](https://southfields.co.uk/refer)



Telephone

Call our
dedicated vetline:
01268 564664



Email

[info@
southfields.co.uk](mailto:info@southfields.co.uk)



Fax

Fax details to
01268 564665

Please supply all relevant clinical history

Diagnostics (including normal and abnormal results) blood tests, urinalysis, cytology or histopathology results and radiographs

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Committed to excellence