

PgC in Small Animal Surgery

PgC - Surgery

The most in-depth and hands on modular surgery programme, which divides into a soft-tissue component in year one and an orthopaedic/spinal component in year two

Introduction

Our Small Animal Surgery PgC programme has been designed to be spread over two years culminating in an exam at the end, ensuring you are well positioned to pass. We understand you have busy working lives and may want to spread your learning, the PgC enables you to have this flexibility.

The programme comprises fourteen taught modules and eight practical modules, at timings to fit around you and practice life.

In addition our PgC programmes are supported by a dedicated Programme Tutor helping you throughout your entire learning programme.



Duration

Two years

Pricing: p38

Register: p39

Access Requirements

Veterinary Surgeons who have been in practice for a minimum of two years.

Programme Begins

October 2015

Locations

Swindon - Alexandra House
Manchester - Cranage Hall
Hatfield - Fielder Centre

Year 1 modules

01:

Surgical asepsis and basic operative techniques: wounds and wound healing

- Instrumentation and instrument handling
- Antiseptics, sterilisation techniques and use of antibiotics
- Gloving and gowning
- Principles of wound healing – primary and delayed closure, secondary healing
- Principles of reconstructive surgery – skin flaps and grafts
- Principles and uses of surgical drains

02:

Gastrointestinal surgery I

- Salivary gland diseases – mucocoeles, trauma, hypersialism, neoplasia
- Oesophageal foreign bodies, trauma, strictures, diverticulum, neoplasia
- The stomach – hiatal hernias, gastric foreign bodies, dilatation/volvulus, gastric outflow disease, gastric neoplasia

03:

Gastrointestinal surgery II and liver, spleen and pancreas surgery

- Intestinal surgery – serosal and omental patching, obstructions and foreign bodies, neoplasia
- Megacolon, rectal prolapse and stricture
- The anus and perianal area – atresia ani, anal sac disease, anal furunculosis
- Liver, spleen and pancreas surgery

04:

Urinary and reproductive tract surgery

- Obstructive diseases of the urinary tract – ureters, bladder and urethra
- Urinary tract trauma – kidneys, ureters, bladder and urethra
- Urinary incontinence
- Urinary tract neoplasia
- Disorders and surgery of the female and male reproductive tracts

05:

PRACTICAL - TWO-DAY COURSE, DAY 1

Reconstructive surgery

- Wound closure – tension relief, prevention of 'dog ears', relaxing incisions
- Pedicle flaps – advancement flaps, rotational flaps, transposition flaps
- Muscle and omental flaps – external abdominal oblique muscle flap, omental transposition
- Skin grafts – full thickness skin grafts and stamp grafts

06:

PRACTICAL - TWO-DAY COURSE, DAY 2

Gastrointestinal and urinary tract surgery

- Oesophageal foreign bodies – pre-op management, anaesthesia, surgical anatomy, surgical technique, post-op care and assessment
- Gastric dilatation volvulus – temporary and permanent gastropexy
- Nephrectomy and nephrotomy – partial nephrectomy, ureteronephrectomy, indications for nephrotomy
- Urethrostomy – prescrotal, scrotal, perineal, prepubic

07:

Oral and pharyngeal surgery: the ear

- Surgery of the lips and cheeks, tongue and hard palate
- Maxilla/mandible – maxillectomy and mandibulectomy
- Pharyngeal surgery
- Tonsillar surgery
- The ear – lateral wall resection, vertical canal ablation, total canal ablation/ lateral bulla osteotomy, ventral bulla osteotomy, haematomas

08:

Surgery of the upper airways: laryngeal and tracheal surgery

- The nose – neoplasia, autoimmune disease
- The nasal sinuses
- BOAS - Brachycephalic obstructive airway syndrome
- Laryngeal diseases – paralysis, collapse, trauma, stenosis, neoplasia
- Tracheal surgery – tracheotomy, tracheostomy, collapse, resection anastomosis, trauma, foreign bodies, neoplasia

09:

Surgery of the abdominal and thoracic cavities

- Peritonitis – pathophysiology, clinical signs and treatment
- Chest wall diseases – neoplasia and trauma
- Chylothorax
- PDA
- Thoracic surgery – instrumentation, thoracic drainage, thoracotomy procedures, lung lobectomy, pericardectomy



10:

Surgical oncology

- Principles of oncologic surgery
- Surgery for skin tumours, oral tumours, gastrointestinal tumours, urogenital tumours and chest wall tumours
- Feline specific tumours

11:

PRACTICAL - TWO-DAY COURSE, DAY 1

Head and neck surgery

- Total ear canal ablation (TECA) – suture materials and special instruments, post-op care and assessment, complications
- Ventral bulla osteotomy – suture materials and special instruments, post-op care and assessment complications
- Thyroid surgery – thyroidectomy in the dog, thyroidectomy in the cat demonstration
- Unilateral arytenoid lateralisation – pre-op management, anaesthesia, surgical anatomy, surgical technique, post-op care and assessment

12:

PRACTICAL - TWO-DAY COURSE, DAY 2

Thoracic surgery

- Thoracotomy – pre-op management, anaesthesia, surgical anatomy, surgical technique, post-op care and assessment
- Lung lobectomy partial and complete lobectomy
- Pericardectomy – subtotal and total
- Patent ductus arteriosus (PDA) – preoperative management, anaesthesia, surgical anatomy, surgical technique, post-op care and assessment

Additional Information

Attendance

Attendance on the taught modules is normally once monthly on a weekday, usually between 2.00pm and 8.00pm. The practical sessions will be held at our training facilities in Swindon between 9.30am and 5.00pm on two consecutive weekdays.

Year 1 Speakers

Jonathan Bell [BVM&S CertSAS DipECVS MRCVS](#)

Jane Ladlow [MA VetMB CertSAS CertVR DipECVS MRCVS](#)

Alison Moores [BVSc\(Hons\) CertSAS DipECVS MRCVS](#)

Pieter Nelissen [DVM CertSAS MRCVS](#)

Kelly Blacklock [BVM&S DipECVS MRCVS](#)

Kate Forster [MA VetMB CertSAS MRCVS](#)

Year 2 modules

13:

Orthopaedics I - the forelimb

- Luxation, osteochondrosis, dysplasia, excision arthroplasty and fractures of the shoulder
- Luxations, developmental disease, un-united anconeal process and fractures of the elbow
- Developmental carpal disease, carpal hyperextension and arthrodesis, luxations, and fractures of the carpus and foot
- Growth plate disorders

14:

Orthopaedics II - the hindlimb

- Conditions of the hip, including dysplasia, luxations, arthroplasty and total hip replacement
- Pelvic fractures
- Femoral fractures
- Conditions of the stifle, including patellar luxation, osteochondrosis, fractures and cruciate rupture
- Conditions of the hock, including osteochondrosis, luxation and fractures

15:

Orthopaedics III - decision making in fracture repair

- The initial assessment of the fracture patient
- Descriptions and applications of fracture classification
- Principles and decision making in fracture repair
- Methods of fracture fixation and implants, including plating and external fixation devices

16:

Orthopaedics IV - complications of fracture repair

- The principles of fracture reduction, including both closed and open techniques
- Options for bone grafting including both cancellous and cortical grafts
- Approaches to the following complications: Delayed union / Non-union / Mal-union / Osteomyelitis

17:

PRACTICAL - TWO-DAY COURSE, DAY 1

Joint and fracture surgery in the forelimb

- Osteochondrosis dissecans – surgical approaches to the proximal and distal humerus for the treatment of shoulder and elbow osteochondrosis dissecans (OD)
- Shoulder joint – approach to the biceps tendon for bicipital tenotomy
- Fracture repair – surgical repair of a fractured humerus using a bone plate and screws
- Carpus – carpal arthrodesis technique

18:

PRACTICAL - TWO-DAY COURSE, DAY 2

Joint and fracture surgery in the hindlimb

- Hip joint – surgical approach to the hip for the treatment of luxation
- Fracture repair – surgical repair of a fractured femur using an intramedullary pin and cerclage wires
- Stifle joint I – cranial cruciate ligament repair using the De Angelis suture method
- Stifle joint II – surgical correction of a medially luxating patella by tibial tuberosity transposition

19:

Spinal surgery I

- Lesion localisation – the neurological examination and its interpretation
- The application of neurodiagnostics
- The approach to and management of paraplegia and tetraplegia
- Neurological emergencies, including cranial trauma and status epilepticus

20:

Spinal surgery II

- Cervical disc surgery
- Thoracolumbar disc surgery
- Lumbosacral disc surgery

21:

PRACTICAL - TWO-DAY COURSE, DAY 1

Bone grafting and external skeletal fixation

- Cancellous bone grafting – harvesting cancellous bone from the proximal humerus
- Review of external fixation equipment – pins, bars and clamps
- Fracture repair I – surgical repair of a fractured tibia using half pins
- Fracture repair II – surgical repair of a comminuted radial fracture using full pins



22:

PRACTICAL - TWO-DAY COURSE, DAY 2

Spinal surgery

- Localising the lesion – how to perform a neurological examination
- How to perform a CSF tap
- Cervical disc surgery – fenestration and ventral slot procedure to treat cervical disc disease
- Thoracolumbar disc surgery – hemilaminectomy procedure to treat thoracolumbar disc disease

Additional Information

Practical modules

Delegates will spend time reviewing the surgical procedures by way of short lectures and, where appropriate, video presentations. Delegates will then practice the surgical procedures in a wet-lab environment with demonstrations and close support from the Specialist Speaker. Delegates will spend the majority of the allotted time practising these procedures.



NOTE: All practical sessions take place at our purpose-built practical facility in Swindon.

Practical learning objectives:

At the end of the practical sessions, delegates should be able to:

- Outline the pre-operative, intra-operative and post-operative care of the patient
- Understand the principles of surgical planning
- Apply principles of surgical planning to selected cases
- Understand the possible surgical complications that may arise following each of the above procedures
- Perform the listed procedures in a wet-lab environment
- Demonstrate the listed procedures to a colleague or the Specialist Speaker
- Evaluate their own surgical skills and recognise their limitations with respect to some of the above procedures
- Recognise when to seek assistance from a colleague or referral institution

Pricing for 2015-16

		Payments	Deposit	Total payable
	Payment Options	All prices exclude VAT		
Small Animal Medicine	Payment in full	£9,039.00	£456.00	£9,495.00
	12 monthly payments*	£794.92		£9,995.00
	20 monthly payments*	£487.15		£10,199.00
Small Animal Surgery	Payment in full	£9,309.00	£456.00	£9,765.00
	12 monthly payments*	£818.58		£10,279.00
	20 monthly payments*	£501.65		£10,489.00
 Small Animal Medicine	Payment in full	£10,040.00	£456.00	£10,496.00
	3 monthly payments*	£3,530.67		£11,048.00
	6 monthly payments*	£1,802.83		£11,273.00
 Small Animal Surgery	Payment in full	£10,709.00	£456.00	£11,165.00
	3 monthly payments*	£3,765.67		£11,753.00
	6 monthly payments*	£1,922.83		£11,993.00

Fees include all assessment and registration with Harper Adams University
 Direct Debits can be split into either 12 monthly payments or 20 monthly payments making payment more manageable. Direct Debits for the Fast-Track programmes may be split into either 3 or 6 monthly payments.

Payment terms & conditions

1. A non-refundable deposit of £456.00 (plus VAT) is due on registration in order to secure the booking. Deposits can be paid by cheque, credit card or bank transfer
2. Full payment to be made by BACS, credit card or cheque within 30 days of the deposit payment in order to be eligible for the discounted rate
3. Direct debit plans are administered and collected on our behalf by Animal Healthcare Limited and must be in place prior to commencing the programme
4. Multiple booking discounts available, please contact us on 01793 759 159 for further information
5. Please contact us on 01793 759 159 to discuss pricing and payment options for programmes taking place in Ireland

Ready to take that next step? Registering is easy...



CALL US

01793 759 159

Speak directly with our Account Manager who can register you over the phone



EMAIL US

register@vetpgc.co.uk

Email us stating your interest in your chosen programmes, and leave your contact details and we will respond on the same day



VISIT OUR SITE

vetpgc.co.uk

Visit our new PgC website, click 'Register' and fill in the short online form

Registration terms & conditions

1. Applications are accepted on a first-come, first-served basis
2. Where all available places are full, applicants will be offered first refusal for the next available date
3. Improve International reserves the right to close the intake early if the number of applications received exceeds the number of available places
4. In order to secure a place you can pay a deposit – details of which can be found opposite
5. Confirmation and enrolment details will then be sent to applicants once we have received a completed application and payment