Exotic pets often fill veterinary surgeons with dread as they come through the surgery door. This programme will assist you in consolidating your knowledge of exotic medicine and surgery and help you to develop an informed clinical approach to the exotic patient.

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**Get the most out of this programme and your CPD**

<table>
<thead>
<tr>
<th>Extend your Clinical Knowledge and Skills</th>
<th>Achieve a General Practitioner Certificate (GPCert)</th>
<th>Achieve a Postgraduate Certificate (PgC)</th>
<th>Apply for Advanced Practitioner Status</th>
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<tbody>
<tr>
<td>Want to advance your knowledge and skills in a specific area? Simply take one of the single or paired modules in your area of interest.</td>
<td>Complete the full one year programme (all modules) and achieve the GPCert and attain 40 academic credits at Masters Level 7.</td>
<td>Continue to a PgC (60 academic credits), which combines the GPCert clinical studies with reflective practice. &lt;br&gt;The Advanced Practitioner Module is 20 academic credits at Masters Level 7 and delivered by Harper Adams University.</td>
<td>After completing your Postgraduate Certificate you can apply for the RCVS Advanced Practitioner Status. Subject to meeting all of the other entry requirements set out by RCVS in the Applicant Guidance Notes.</td>
</tr>
</tbody>
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Taught Modules

01: Clinical pathology

• Understand how to collect diagnostic samples including sampling sites and blood volumes, faecal, urine and bone marrow samples
• Interpret haematological profiles based on knowledge of normal values and the changes which occur in disease processes
• Interpret biochemical profiles based on knowledge of normal values and the changes which occur in disease processes
• Evaluate bone marrow samples
• Understand how to collect and evaluate cytological samples
• Appreciate microbiological investigation of exotic animals

02: Therapeutics and immunisation

• Explain how various legislation relates to the pharmacy and have a knowledge of the Medicines Act 1968, the Misuse of Drugs Act 1971, the Health and Safety at Work Act 1974 and the COSHH regulations 2002
• Understand the correct storage, dispensing and labelling of medicines
• Understand the pharmacokinetics, potential interactions and adverse effects of common therapeutic agents including anaesthetics, anti-inflammatory, analgesics, antimicrobials and anti-parasitics
• Immunisation of exotic patients
• Delivery of drugs to exotic pets and zoo animals

03: Principles of anaesthesia, emergency and critical care medicine

• Identify the type of fluid replacement required
• Calculate fluid requirements
• Appreciate different administration techniques and cannulation techniques
• Select appropriate agents for the restraint, pre-medication, induction and maintenance of anaesthesia
• Monitor anaesthesia
• Apply knowledge of emergency and resuscitation techniques in anaesthesia to clinical situations if required
• Understand the basic principles of emergency and critical care medicine of exotic pets

04: Diagnostic imaging

Appreciate the value of imaging techniques in mammals, reptiles and avian species including:
• Radiography and radiology of soft tissues and the skeleton
• Contrast media techniques
• Ultrasonography and echocardiography
• Principles of endoscopy including the respiratory, gastrointestinal and reproductive tracts

05: Current concepts in surgery

• Understand basic surgical techniques, surgical neutering and coelomic surgery
• Use knowledge gained to implant microchips
• Apply knowledge gained to performing various oesophagostomy techniques
• Understand how to repair shell and beak defects
• Explain the use of radiosurgery in exotics
• Approach the orthopaedic patient and understand the common fracture types in different species, the principles of internal and external fracture repair and muscle tendon adhesions

06: Avian medicine and surgery

• Investigate and treat gastro-intestinal diseases
• Investigate and treat diseases of the upper and lower airways including the nares, sinuses, and infections such as Chlamydophilosis and Aspergillosis
• Approach beak and feather disease and feather plucking
• Understand urogenital tract disease including excessive egg laying, egg binding, cloacal disease and orchitis
• Manage trauma cases including fractures
Taught Modules

**07:**

**Biology, nutrition, husbandry and common diseases of mice, rats, hamsters, guinea pigs, chinchillas, degus and gerbils**

- Describe the diagnosis, treatment and prevention of common skin diseases including ectoparasitic, bacterial, viral, fungal and endocrine disorders
- Understand diseases affecting the gastrointestinal tract including Tyzzer’s disease, wet tail, dental malocclusions and coccidiosis
- Approach the diagnosis and treatment of respiratory disorders and endocrine conditions
- Understand the diseases which affect the reproductive and urinary tracts
- Appreciate conditions which affect the CNS
- Understand sebaceous gland dermatitis, reproductive and adrenal gland disease affecting the skin and behavioural induced skin disease in gerbils
- Legislation concerning the care and use of relevant laboratory animals

**08:**

**Biology, nutrition, husbandry and common diseases of rabbits**

- Diagnose and treat dermatological diseases
- Investigate and treat gastrointestinal diseases including motility disturbances, mucoid enteropathy and diarrhoea
- Formulate a treatment plan for dental disease including overgrown teeth and traumatic injuries to teeth, treatment of abscesses and caries
- Diagnose and treat respiratory tract disease including Pasteurellosis
- Understand conditions affecting the musculoskeletal and nervous systems including vestibular disease
- Investigate and treat reproductive and urinary tract diseases
- Describe common infectious diseases such as E cuniculi, myxomatosis and viral haemorrhagic disease

**09:**

**Biology, nutrition, husbandry and diseases of ferrets and fish**

- Diagnose and treat dermatological diseases
- Investigate and treat gastrointestinal diseases including motility disturbances, mucoid enteropathy and diarrhoea
- Formulate a treatment plan for dental disease including overgrown teeth and traumatic injuries to teeth, treatment of abscesses and caries
- Diagnose and treat respiratory tract disease including Pasteurellosis
- Understand conditions affecting the musculoskeletal and nervous systems including vestibular disease
- Investigate and treat reproductive and urinary tract diseases
- Describe common infectious diseases such as E cuniculi, myxomatosis and viral haemorrhagic disease

**10:**

**Biology, nutrition, husbandry and diseases of unusual mammalian pets, amphibians and invertebrates**

- Understand the husbandry and diseases of small pet marsupials such as sugar gliders, wallabies and opossums
- Understand the husbandry and diseases of pet skunks
- The husbandry and diseases of Procyonids such as the raccoon and kinkajou
- The husbandry and diseases of Herpestids such as the dwarf mongoose and meerkat
- Understand the husbandry and conditions affecting pet amphibians
- The husbandry and diseases of invertebrates
Taught Modules

11: 🦎
Reptile medicine and surgery

- Formulate an approach to the sick reptile including post hibernation anorexia and hypocalcaemic collapse
- Diagnose and treat dermatological conditions including dysecdysis, scale rot and abscesses and metabolic, nutritional and infectious bone and shell disorders
- Diagnose and treat common gastroenterological disorders including mouth rot, vomiting and regurgitation and liver disease
- Approach respiratory and cardiovascular disease including pneumonia and lungworm
- Investigate respiratory tract and reproductive disease
- Understand the common infectious diseases of reptiles

12: 🦍
Wildlife medicine and surgery

- Explain the legislation relating to wild animals and welfare
- Formulate an approach to the restraint, anaesthesia and trauma management of wild birds and mammals
- Diagnose and manage common disorders of UK native wildlife
- Approach rehabilitation of wildlife
- Understand the zoonotic diseases which affect wildlife in the UK

13: 🦖
Primates

- Diagnose, treat and prevent ectoparasitic, bacterial, viral, fungal and neoplastic skin diseases
- Understand gastrointestinal disease including bacterial gastroenteritis, gastric dilation, diarrhoea and dental caries
- Appreciate diseases affecting the cardiorespiratory system
- Understand metabolic/nutritional bone disease, musculoskeletal and neurological disease, arthritis and limb fractures
- Investigate and treat infectious diseases
- Diagnose and treat diseases of the urogenital tract including endometrial, ovarian and mammary disease

14: 🦍
Zoo animal medicine

- Explain modern zoo legislation and management including Zoo Licensing Act 1981 and Balai regulations 92/65 as subsequently amended
- Approach the routine health-care management and common disease problems of zoo animals
- Restrain zoo animals
- Understand drug delivery systems, immobilisation and anaesthetic regimes

Exotic Animal Practice
Clinical Programme

Taught sessions
### Pricing

**Payment Options**

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<th></th>
<th>Payments</th>
<th>Initial Payment</th>
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<tr>
<td>GPCert Programme*</td>
<td>£6,281.40</td>
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All prices exclude VAT

*Exam fee is included.

For those individuals continuing to PgC, the tuition fee for the Advanced Practitioner Module is £1,250 payable to Harper Adams University.

### Payment terms & conditions

1. A non-refundable initial payment of £924.00 is due on registration in order to secure the booking. This can be paid by BACS or credit card.
2. Initial payment to be made by BACS or credit card within 30 days of the initial payment in order to be eligible for the discounted rate, (for payment in full).
3. Direct debit plans are administered and collected on our behalf by Animal Healthcare Limited.
4. Please contact us for pricing relating to corporate veterinary groups and multiple discounts and pricing.
5. Individual and Paired Module Pricing shown above does not include the exam fees of Harper Adams University and ESVPS.
6. If paying by direct debit we must receive the first payment prior to the course commencing.