



THE UNIVERSITY
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AUSTRALIA

CREATE CHANGE

UQ VETS

Equine Practitioners Conference

1-2 February 2022 Gatton Campus



The UQ VETS Equine Specialist Hospital is proud to present the Equine Practitioners Conference

Conference topics:

- Investigating the neurological horse
- Beginner's guide to ultrasound of the stifle
- Applying a cast
- Diagnosis of cervical spine fractures and stenosis
- Surgical repair of cervical spine fractures and stenosis
- Testicles and ovaries, when and how to remove them
- What's new with Queensland Itch? (Insect Bite Hypersensitivity, IBH)
- You have a cast on your patient, what next?
- Care and management of the down horse
- The Hendra exclusion is negative! Other causes of meningoencephalitis

Registrations open
Sept 2021

See page 4
for details.

Attend the conference, tour the UQ VETS state-of-the-art equine hospital and catch up with friends.

Feedback from previous attendees:

"Great conference!"

"Relevant and useful labs and lectures for practicing vets."

"Everyone was very friendly and accommodating."

"I found it a great two days. I learnt so much in each lecture and workshop. Thank you."

"Very affordable and felt I gained a lot of finer techniques for every day skills. Great lectures aimed at general practice."

"You know it was a great CPD investment when you are still talking with colleagues about skills learnt a month after the conference!"

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Continuing Professional Development points (CPD)

9 x 30 mins and 1 hour lab = 5.5 cpd

30 min tour = 0.5 cpd

4 x 90 min lab 6 hrs = 12 points

Total= 18 points for the 2 days

Cost

Thanks to our sponsors, costs include proceedings booklet, coffee breaks, lunches both days and Tuesday evening dinner.

	Both days	1 day
Veterinarians, including labs	\$1100	\$730
Vet nurses/techs, including labs	\$650	\$360
Remote online access to video recordings of lectures (for 6 months)	\$210 – 5.5hrs CPD	
Participant online access to video recordings of lectures (for 6 months) and proceedings	\$120	

Registration

Registrations open Sept 2021

Register here - payments.uq.edu.au/onestopweb/ECET101SCE010

Any problems with registration, please contact c.girvin@uq.edu.au

Also available for online viewing: **Thirty four 35 minute state-of-the-art lectures from the 2019, 2020 and 2021 conferences, \$175/year. CPD certificate and PDF of proceedings included.** You can [register online](#) to access these. Contact: c.girvin@uq.edu.au

Location

UQ VETS Equine Specialist Hospital
Outer Ring Road, Building 8156
The University of Queensland
Gatton Campus
Gatton Qld 4343

T: (07) 5460 1799

E: uqvets.eq@uq.edu.au

Transport

UQ Gatton is situated in the beautiful Lockyer Valley, approximately 1 hour west of Brisbane CBD, 1.5 hours from Brisbane Airport and 30 minutes east from Toowoomba.

Travelling to and from Gatton

[Greyhound Australia](#) and [Murrays Coaches](#) both stop on the Warrego Highway en route to Brisbane or Toowoomba.

[Con-X-ion Airport Transfers](#) will collect passengers from the Brisbane international or domestic airports. Drop-off point is the NW Briton Building (return service available). For bookings call 1300 266 946 at least two days before travel.

Gatton Taxi Service: (07) 5462 4043 or 0418 718 045.

Accommodation

Gatton Campus Motel: Contact (07) 5460 1489 or email: ccu@uq.edu.au, halls.gatton.uq.edu.au

Gatton Motel: Railway Street, Gatton: contact (07) 5462 1333, gattonmotel.com.au

Rooms Motel Gatton: 1 Hawck Street, Gatton: contact (07) 5462 1111

Royal Hotel Gatton: 2 Railway Street, Gatton: contact: (07) 5462 1029

Hatton Vale Motel: Warrego Highway Hatton Vale: contact (07) 5465 6611, hattonvalemotel.com

Woodlands of Marburg: 174 Seminary Road, Marburg: contact (07) 5464 4777

Toowoomba is a 30 minute drive west of Gatton and has a large range of accommodation options.



Tuesday 1 February – Lecture summaries

Investigating the neurological horse

Dr Brianna Clark

Diagnosing and investigating neurological diseases in horses can sometimes be quite difficult. This talk will focus on the neurological examination and how it can be performed in the field and highlight the importance of neurolocalisation. It will also briefly outline the differential diagnoses pertaining to neurolocalisation.

Beginner's guide to ultrasound of the stifle

Dr Alex Young

The stifle is not a particularly complex anatomical region however thorough ultrasound examination is partly limited by the inaccessibility of certain anatomical areas of interest. This talk will review the anatomical structures that can be examined with a basic ultrasound approach and demonstrate examples of both normal anatomy and pathology.

Applying a cast

Dr Steve Zedler

The ability to appropriately apply a cast is a valuable skill for equine practitioners. Casts may be utilised for a variety of conditions including wounds, first aid and definitive management of some fractures, and management of flexural deformities. When appropriately applied, casts can be worn for several weeks in adult horses. Technical errors can lead to significant complications including pressure sores and breakage. This lecture will cover techniques, tips and tricks for application of casts to the digits and limbs of horses.

Diagnosis of cervical spine fractures and stenosis

Dr Alex Young

Tips and tricks for practice to obtain quality cervical spine radiographs. This talk will review the anatomical structures that can be examined radiographically and demonstrate examples of both normal anatomy and pathology.

Surgical repair of cervical spine fractures and stenosis

Dr Steve Zedler

Fusion of the cervical vertebrae carries a favourable prognosis in many horses suffering from cervical vertebral stenotic myelopathy, arthrosis of the articular facets, fractures and luxations of the cervical vertebrae. Thousands of horses worldwide have undergone surgery to fuse the cervical spinal vertebrae since the procedure was developed in the late 1970's. This lecture will cover case selection, expected outcomes and recent developments in surgical techniques.



Wednesday 2 February – Lecture summaries

Testicles and ovaries, when and how to remove them

Dr Albert Sole Guitart

Castration is one of the most common surgeries performed in equine practice. However, several complications can occur following a routine castration. Some of the castration techniques and how to resolve potential complications related to this procedure will be discussed in this talk. In addition, the different diagnostic techniques and treatment options for cryptorchids and mares with ovarian issues will be presented.

What's new with Queensland Itch?

Dr Abby Cox

Insect Bite hypersensitivity- scoring and a new efficacious herbal treatment. Treatment of Queensland Itch (Insect Bite Hypersensitivity, IBH) can be a constant source of frustration for horse owners and veterinarians. Up to 60% of horses can be affected by this disease and although not a new condition, management of this disease can be challenging. This presentation will outline some of the new research being done in this field, and provide a summary of what can be done now and in the future to manage this disease.

You have a cast on your patient, what next?

Dr Chantell Jukic

Immobilisation of the equine limb with a cast is a commonly performed procedure in veterinary practice. They can be used for the treatment of a variety of different musculoskeletal conditions and can be applied in various configurations. Complications associated with cast application can vary from mild pressure sores to catastrophic long term consequences that may impact return to performance. This talk will focus on common cast complications, what to look for and how to deal with them.

Differentials, care, management and transport of the down horse

Dr Allison Stewart

Differentials for a down horse include severe rhabdomyolysis, spinal fractures, internal haemorrhage and more commonly neurological conditions such as encephalomyelitis or generalised paresis such as botulism, envenomation by Australian snakes or the Ixodes holocyclus tick. Tetanus causes muscular rigidity but ultimately also leads to recumbency. Most down horses can not be managed on the farm and are best sent to referral hospitals with electric hoists and slings and 24-hour intensive care. The transportation and care of down horses will be reviewed.

The Hendra exclusion is negative! Other causes of meningoencephalitis

Dr François-René Bertin

Although an important differential diagnosis, Hendra virus is not the only cause for a horse presenting with neurological clinical signs in Australia. This lecture will address other agents of neurological disease in horses and provide an update on the best methods for sample collection, preparation and where to send these samples to improve diagnosis and help guide treatment and prognosis.



Tuesday 1 and Wednesday 2 February – Laboratory summaries

Equine neurology cases (interactive tutorial)

Dr Allison J. Stewart and Dr François-René Bertin

In the 90 min session a variety of neurological cases with videos will illustrate conditions affecting the forebrain, cranial nerves, cerebellum, spinal cord, peripheral nerves, neuromuscular junction and diffuse disorders of infectious, degenerative and toxic aetiologies. Attendees will be encouraged to actively participate by determining the neurolocalisation and comment on treatment and prognosis in an informal and interactive manner within the small group setting.

Application of a cast

Dr Steve Zedler, Albert Sole and Chantelle Jukic

In the 90 min session participants will be able to apply casts with our surgery team ready to offer useful tips and tricks. Please bring clean overalls or scrubs to enter the equine operating theatre.

Beginner's guide to ultrasound of the stifle

Dr Alex Young

The stifle is not a particularly complex anatomical region however thorough ultrasound examination is partly limited by the inaccessibility of certain anatomical areas of interest. In the 90 min session participants will be able to ultrasound the stifle joint using new machines. Participants can also bring their own portable machines if they wish.

Neurological exam and cervical radiology

Dr Jessica Wise and Dr Brianna Clark

Participants will perform neurological exams under the guidance of a medicine specialist and then be involved in taking cervical radiographs. Some time will be spent on viewing radiographs and myelogram images of recent cases from UQVETS.



UQ VETS Equine Specialist Hospital

Introduction

The UQ VETS Equine Specialist Hospital (ESH) includes a purpose-built hospital with a separate isolation facility and reproduction centre. There is a dedicated intensive care unit that has stalls able to accommodate neonates alone or with the mare. The Equine Hospital is supported by 12 experienced board-certified faculty members, three dedicated residents and two interns. The hospital has trained 24-hour nursing staff and supporting staff ready to serve your clients 24/7, including after hours, weekends and holidays. Horses must be Hendra vaccinated or receive exclusion testing prior to examination.

Specialists

Equine Internal Medicine/Emergency and Critical Care

Dr Allison J. Stewart BVSc (Hons I), MS, DACVIM, DACVECC, MANZCVS, PhD
Dr François-René Bertin, DVM, PhD, DACVIM

Equine Surgery/Sports Medicine

Dr Steve Zedler, VMD, MS, DACVS
Dr Albert Sole-Guitart, DVM, DACVS
Dr Ben Ahern, BVSc(Hons I), MANZCVS, DACVS, DACVSMR, PhD

Anaesthesia

Dr Jo Rainger, BVSc BSc (Vet) PhD FANZCVS, Dip Clin Studies
Dr Wendy Goodwin, BVSc, PhD, MANZCVS, FANZCVS
Dr Grant Whitten, BNurs, BSc, BVMS, GradDipEd

Diagnostic imaging

Dr Alex Young, BVSc (Hons I), DACVR

UQ VETS ESH Residents:

Dr Brianna Clark, BVSc (Hons), MANZCVS (Equine Medicine for Horses), Resident in Medicine
Dr Brodie Argue, BAnimalSc (Hons) BVetBiol, BVSc (Hons), CVAEq, Resident Equine Sports Medicine And Rehabilitation
Dr Sharon Jeong, BVSc(Dist) MANZCVS (Large Animal Radiology), Equine Surgery Resident



Biographies



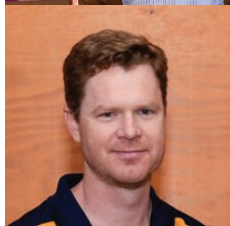
François-René Bertin obtained his DVM degree in France and then completed a combined residency and master's degree in Large Animal Internal Medicine at Purdue University, USA. After a PhD in physiology in Canada, he joined The University of Queensland as a Senior Lecturer in Equine Internal Medicine. François-René's main focus is the early diagnosis of equine endocrine disorders such as insulin dysregulation and pituitary pars intermedia dysfunction. François-René has authored several publications about equine endocrinology as well as a book and some book chapters. François-René is also serving on the international Equine Endocrinology Group as well as the Australasian Equine Endocrinology Focus Group.



Allison Stewart graduated from the University of Melbourne in 1997, then spent two years in mixed practice in Gawler, SA, before traveling to the USA to undertake a residency in Large Animal Internal Medicine at the Ohio State University. She completed her Masters of Science and became a Diplomat of the American College of Veterinary Internal Medicine in 2002. She then became a faculty member at Auburn University in Alabama and completed a fellowship in Emergency and Critical Care and obtained Diplomat status in 2007. Allison worked as a specialist and taught veterinary students at Auburn University for 12 years. She then did locum work in Victoria while working on her PhD. Allison joined the faculty at The University of Queensland in 2017. She has a clinical interest in large animal emergency and critical care, neurology, endocrinology, cardiology, ophthalmology, infectious disease (especially fungal), ultrasonography and endoscopy.



Steve Zedler obtained his veterinary degree at the University of Pennsylvania. After completing an internship at Rood and Riddle Equine Hospital in Lexington Kentucky, Steven returned to the University of Pennsylvania and completed a residency in large animal surgery, where he remained working as an equine surgeon and lecturer. Steven has also worked as a locum equine surgeon at the University of Pretoria, South Africa. He joined The University of Queensland as a specialist equine surgeon seven years ago. Steven is a Diplomat of the American College of Veterinary Surgeons. His interests include soft tissue and orthopaedic surgery, lameness, scintigraphy, and treadmill examinations. He leads the fifth year equine clinical teaching program and enjoys preparing students for equine practice.



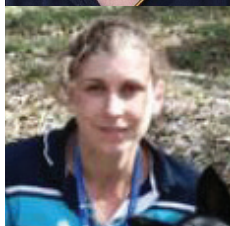
Ben Ahern is a University of Queensland Veterinary School graduate who grew up in South East Queensland. Ben obtained his surgical training at the University of Pennsylvania. On returning to Australia Ben was a surgeon at Randwick Equine Centre in Sydney for four years. Ben is a specialist in equine surgery and sports medicine. He is board certified by the American College of Veterinary Surgeons and the American College of Veterinary Sports Medicine and Rehabilitation. He has authored multiple book chapters and has published on a wide range of topics ranging from orthopaedics and lameness, to novel tie-back procedures and stem cell therapies.



Albert Sole-Guitart graduated from the Autonomous University of Barcelona in 2007, then completed internships at the University of Guelph, Canada and Rood and Riddle Equine Hospital in Kentucky. Albert completed surgical training at the University of California, Davis and continued to work as an Equine Surgical Specialist for a further two years. He also developed a new technique to deliver stem cells in the equine limb using regional limb perfusion. Albert moved to Australia in 2014 and worked at the University of Sydney for almost three years before joining The University of Queensland. Albert enjoys all aspects of soft tissue and orthopaedic surgery. He has a particular interest in managing performance problems in endurance horses and minimally invasive surgery.



Alex Young graduated from the University of Sydney in 2004 with an interest in equine practice. She completed a 1-year equine internship at Agnes Banks Equine Clinic, NSW Australia, before staying on as an ambulatory veterinarian. She subsequently undertook six years of imaging training at the University of California, Davis; two years training in Large Animal Ultrasound with some of the world's top Equine Ultrasonographers, followed by four years training to be a specialist veterinary radiologist. Alex became a Diplomate of the American College of Veterinary Radiology in 2013 and returned to Australia to work at the University of Sydney as a Senior Lecturer in Veterinary Diagnostic Imaging in 2014. She joined The University of Queensland as a Senior Lecturer in Veterinary Diagnostic Imaging in 2017. Alex has a strong interest in the diagnosis, monitoring and rehabilitation of musculoskeletal injuries as well as the use of advanced imaging modalities to help us obtain an accurate diagnosis in our more challenging cases.



Jo Rainger graduated from the University of Sydney in 1994. Following graduation she gained her PhD in the study of the "Pathogenesis of Equine Strangles". She completed an internship and residency in veterinary anaesthesia at the University of Sydney, and continued to work as a registrar until 2012. Jo is a member of the Australian and New Zealand College of Veterinary Scientists in veterinary anaesthesia and critical care and has recently attained her Specialist qualifications in Veterinary Anaesthesia by examination with the Australian and New Zealand College of Veterinary Scientists. Her areas of interest include equine and ruminant anaesthesia.



Wendy Goodwin graduated from The University of Queensland in 2004. After graduation she worked in private equine practice and began a PhD (equine anaesthesia) under the supervision of Dr Helen Keates and Dr Martin Pearson. During this time Wendy also worked as a consultant equine anaesthetist and has experience in mixed and small animal general practice. Wendy is a member of the Australian College of Veterinary Scientists and is currently working to submit her PhD thesis 'Studies of Alfaxalone in Horses'. Wendy's primary interests are equine anaesthesia and analgesia. Her research interests include total intravenous anaesthesia in the horse and improving equine pain management.



Grant Whitten is an experienced healthcare professional and veterinarian, who has worked in human healthcare and critical care environments for approximately 10 years, and some of this work also included secondments to a rescue helicopter service. An opportunity to study Veterinary Science involved the move to Western Australia to study at Murdoch University, where he graduated with a degree in Veterinary Science. Grant then worked in small and mixed animal practice for a number of years, before returning to Murdoch University to complete an anaesthesia internship and the Graduate Diploma in Education (tertiary). Most recently, Grant has completed the Anaesthesia & Critical Care Residency at the University of California, Davis, and he will go on to sit DACVAA board certification examinations in 2019.



Abbey Cox is a rural practice veterinarian at the University of Queensland. As a qualified teacher and veterinarian with her memberships in Equine medicine she brings a wealth of knowledge to the Production Animal Service. Abbey is undertaking a MPhil graduate degree and is researching the effects of herbal treatments on IBH in horses and also the best way for veterinarians to score the lesions on horses with IBH such that future therapeutics can be compared between studies.



Jessica Wise graduated for Charles Sturt University in 2014. She initially spent two years in mixed practice before heading back to CSU to complete a residency in equine internal medicine. Alongside the residency, Jess completed a Doctorate in Veterinary Studies entitled 'Equine gastric ulcer syndrome; observer reliability in ulcer grading and investigation of pharmacological and clinical influences on gastric pH'. She has delivered the results of this research at international conferences, including ACVIM conference and ECEIM congress. Jess completed her residency and doctorate in August 2020, and spent a breeding season as the medicine clinician at Avenel Equine Hospital. She attained ECEIM diplomat status in June this year. Jess has special interest in neonatal medicine and intensive care, as well as cardiovascular and respiratory disease of the adult horse.

Residents



Brodie Argue grew up in the Macleay Valley, where he was exposed to horses at a very young age with his family heavily involved in campdraft and cutting horses. Brodie completed his veterinary science degree at Charles Sturt University and was awarded the Equine Veterinarian Australia young member award for commitment to the industry. Brodie has completed an equine internship at Ballarat Equine where he developed a special interest in sports medicine, lameness, and diagnostic imaging. Brodie joined the Scone Equine Group in 2018 and worked across the Tamworth and Avenel branches. During this time, he worked as an onsite veterinary consultant for Nutrien Equine for Classic campdraft sale, and onsite sports medicine veterinarian for the NCHA futurity.



Sharon Jeong grew up in New Zealand and graduated from Massey University in 2017. She then went on to complete the 18-month surgery and anaesthesia internship at Scone Equine Hospital in the Hunter Valley. Following the internship, she spent two years working as an ambulatory vet at Cambridge Equine Hospital in Waikato (NZ) to broaden her skill set before pursuing further specialist training. In 2021, she commenced the joint Equine Surgery Residency programme and Doctor of Veterinary Clinical Science degree at the University of Queensland. She was the EVA Young Members Abstract Prize recipient and the NZ Best Young Practitioner Prize recipient for her presentations at the 2019 Bain Fallon and 2020 NZVA Conferences respectively. She gained membership status of the Australian and New Zealand College of Veterinary Scientists in Large Animal Radiology in 2021. Her interests include minimally invasive surgery, abdominal surgery, orthopaedics, lameness and diagnostic imaging.



Brianna Clark graduated from The University of Queensland and is excited to return as a medicine resident. After a few years in mixed practice she completed a rotating internship at Goulburn Valley Equine Hospital in Shepparton, Victoria. Staying another season as a medicine fellow, Brianna was able to focus her interests in equine medicine, in particular neonatology. In 2019 she gained membership status of the Australian and New Zealand College of Veterinary Scientists in Medicine of Horses. Brianna has also gained experience in equine reproduction after working at Goulburn Valley Equine Hospital & recently at the reproduction centre at Charles Sturt University in Wagga Wagga. Her particular interests include neonatology, endocrinology, emergency and critical care and reproduction.

Specialties

Internal Medicine

- Advanced diagnostics and treatment for neurologic, respiratory, cardiac, gastrointestinal, muscular, renal and liver diseases.
- Advanced diagnostics and treatment of infectious diseases in a purpose-designed biosecure isolation facility.
- Specialised diagnostics and management of hormonal disorders including Equine Metabolic Syndrome and Pituitary Pars Intermedia Dysfunction. Laminitis management planning with radiographic-guided hoof balance assessment in conjunction with corrective farriery.

Emergency and Critical Care

- Specialised management and intensive care of critical neonatal foals in a climate-controlled intensive care unit.
- Specialised management and intensive care of critically ill horses requiring continuous monitoring and therapy.
- All types of emergencies 24/7 (Hendra vaccination required or exculsion) including colics, pneumonias (travel sickness), diarrhoea, fevers, inappetence, eye problems, foaling difficulties, laminitis, poisonings and trauma.
- Sports Medicine and Cardiopulmonary Function Testing.
- Working together with our multi-disciplinary team of internal medicine, surgery and diagnostic imaging specialists, we offer a treadmill exercise-testing program to help find the cause of reduced performance in the athletic horse.
- As part of our performance evaluations, thorough lung assessment with pulmonary function testing, blood oxygenation and pulmonary cytology, and full cardiac examinations including ECG and echocardiography are available to evaluate and treat the equine athlete.

Surgery

Personalised and case based discussion available for a range of advanced and routine surgical procedures with a specialist surgeon. Including but not limited to:

- Upper respiratory tract surgery – e.g. standing tie-backs and laser treatments.
- Orthopaedic – high definition arthroscopic surgery and basic/advanced fracture repairs/management.
- Colic surgery – ranging from emergency surgery to minimally invasive laparoscopic procedures.
- Urogenital – in collaboration with our reproduction specialist a range of minimally invasive targeted treatment options.
- Wound management – including skin grafting and vacuum therapy.
- Neoplasia treatment – a range of treatment options tailored to each case including electrochemotherapy.
- Lameness examinations and localisation including use of state-of-the-art computer assisted evaluations.
- Range of imaging modalities supported by world class specialist radiologists: digital radiography, ultrasound, MRI (coming mid 2018), CT (plain and contrast), scintigraphy.

Reproduction

Specialised reproductive evaluations and treatments for mares, including “problem mare” management, twin reduction, and embryo transfer. Stallion services include semen collection, evaluation and freezing, and management of subfertile stallions are also provided.

Anaesthesiology and Analgesia

- UQ VETS has the largest full-time, dedicated anaesthesia and analgesia team in Queensland, which include specialist anaesthetists, veterinarians and veterinary technicians.
- Services include anaesthetising all species for soft tissue and orthopaedic surgery, arthroscopy, dentistry, endoscopy, ultrasound, CT and radiography.
- We specialise in local and regional nerve blocks and state-of-the-art pain management techniques.

Diagnostic Imaging

- UQ VETS is the only veterinary practice in Queensland with a full-time, dedicated diagnostic imaging team comprised of three veterinary radiologists as well as radiographers.
- Equipment and services include: on-site 16-slice CT scanner with equine table and pressure injector, MRI, top-of-the-line ultrasound units and ultrasound-guided sampling, dedicated digital radiography suites, fluoroscopy, and nuclear scintigraphy.



	VETERINARY LABORATORY SERVICES TEST REQUEST FORM Ph: 54601843 (50843) Fax: 5460 1540 Email: vlis@uq.edu.au SCHOOL OF VETERINARY SCIENCE, LEVEL 1, BUILDING 8114, UNIVERSITY OF QLD, GATTON CAMPUS QLD 4343	
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Clinic:	<input type="checkbox"/> Equine Specialist Hospital <input type="checkbox"/> Small Animal Hospital <input type="checkbox"/> Production Animal Service <input type="checkbox"/> Other:	Patient Details (or attach label)	
Clinician:		Patient #	
Billing: <i>Include Subject code or Chartstring</i>	<input type="checkbox"/> Diagnostic <input type="checkbox"/> Teaching <input type="checkbox"/> Research Signed	Animal Name:	
		Owner surname:	
		Species: <input type="checkbox"/> Canine <input type="checkbox"/> Feline <input type="checkbox"/> Equine <input type="checkbox"/> Avian <input type="checkbox"/> Reptile <input type="checkbox"/> Bovine <input type="checkbox"/> Ovine <input type="checkbox"/> Other:	Breed:
Hendra vaccinated? Yes No <input type="checkbox"/> Routine <input type="checkbox"/> Urgent			
Collection Date:		Collection Time:	
		Age/DOB:	Gender: M MN F FN

Samples Submitted <input type="checkbox"/> Fasting <input type="checkbox"/> Post Prandial											
EDTA	Clot	Hep	Citrate	Fl Ox	Slide	Urine	Faeces	Parasite	Swab	Fluid	
						Voided	Cath	Cysto	Site?	Site?	
Tissues	1.	2.	3.	4.	5.						

History	
Signed	

*denotes sendaway test (handling fee applies)			
Tests required	Haematology	Parasitology	Endocrinology
<input type="checkbox"/> Comprehensive profile (CBC+MBA) <input type="checkbox"/> Pre-anaesthetic profile <input type="checkbox"/> Add interpretation <input type="checkbox"/> Add T4 <input type="checkbox"/> Add SDMA* <input type="checkbox"/> Add UA <input type="checkbox"/> Add Spec cPL/fPL* Biochemistry <input type="checkbox"/> Full MBA <input type="checkbox"/> Metabolic panel <input type="checkbox"/> Electrolytes (Na/K/CL/HCO3) <input type="checkbox"/> Equine Exercise panel <input type="checkbox"/> Pre-anaesthetic panel <input type="checkbox"/> Renal panel <input type="checkbox"/> Liver panel <input type="checkbox"/> SAA & Iron <input type="checkbox"/> Bile Acids (single) <input type="checkbox"/> Bile Acids (pre & post panel) <input type="checkbox"/> 1 – 4 Biochemical analytes <input type="checkbox"/> Add Interpretation <input type="checkbox"/> Add SDMA <input type="checkbox"/> Cobalamin* <input type="checkbox"/> Phenobarb*	<input type="checkbox"/> CBC <input type="checkbox"/> Add SAA & Iron <input type="checkbox"/> Add interpretation <input type="checkbox"/> Cross Match <input type="checkbox"/> Coagulation profile Urine Analysis <input type="checkbox"/> Urine analysis <input type="checkbox"/> UP/UC <input type="checkbox"/> Add interpretation <input type="checkbox"/> Add urine cytology <input type="checkbox"/> Add C&S (aerobic) Cytology <input type="checkbox"/> FNA/Impression smears <input type="checkbox"/> Bone marrow aspirate + CBC <input type="checkbox"/> Body Fluid Analysis <input type="checkbox"/> Peritoneal fluid <input type="checkbox"/> Pericardial fluid <input type="checkbox"/> Pleural fluid <input type="checkbox"/> Tracheal Wash <input type="checkbox"/> BAL <input type="checkbox"/> Cerebrospinal fluid (Site?) <input type="checkbox"/> Cisternal <input type="checkbox"/> Lumbar <input type="checkbox"/> Synovial fluid (Site/s?)	<input type="checkbox"/> Faecal float <input type="checkbox"/> Faecal Egg Count <input type="checkbox"/> Larval Culture & ID <input type="checkbox"/> Cryptosporidium <input type="checkbox"/> Giardia <input type="checkbox"/> Parasite ID <input type="checkbox"/> Baermann Technique <input type="checkbox"/> Fluke Egg Sedimentation <input type="checkbox"/> Other: Microbiology <input type="checkbox"/> Aerobic C&S <input type="checkbox"/> + Anaerobic Culture <input type="checkbox"/> Salmonella <input type="checkbox"/> Fungal culture <input type="checkbox"/> Dermatophytes <input type="checkbox"/> Other: Histopathology <input type="checkbox"/> 1 Tissue <input type="checkbox"/> 2 Tissues <input type="checkbox"/> 3 Tissues <input type="checkbox"/> 4 Tissues <input type="checkbox"/> >4 Tissues <input type="checkbox"/> Whole organ	<input type="checkbox"/> Total T4 <input type="checkbox"/> Free T4* <input type="checkbox"/> Cortisol <input type="checkbox"/> TSH* <input type="checkbox"/> LDDST (2 or 3 x cortisol) <input type="checkbox"/> ACTH Stimulation (2 x cortisol) <input type="checkbox"/> ACTH (endogenous) <input type="checkbox"/> Insulin <input type="checkbox"/> TRH Stimulation (2 x ACTH) <input type="checkbox"/> Oral GTT (2 x insulin) <input type="checkbox"/> Progesterone Molecular <input type="checkbox"/> Hendra PCR* <input type="checkbox"/> Diarrhoea PCR* <input type="checkbox"/> Respiratory PCR* <input type="checkbox"/> Neurologic PCR* <input type="checkbox"/> Haemotropic Mycoplasma PCR* <input type="checkbox"/> Other: Immunohistochemistry* <input type="checkbox"/> Toxoplasma IgG IgM* <input type="checkbox"/> Neospora* <input type="checkbox"/> Cryptococcus (LCAT)* Other tests:

Samples Received (Lab Use Only)			
Date:	Time:	Initials:	Entered? Initials:

UQ VETS

uqvets.eq@uq.edu.au
equine-specialist.hospital.uq.edu.au



**THE UNIVERSITY
OF QUEENSLAND**
AUSTRALIA

CREATE CHANGE