



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

Current topics in equine practice:
Equine analgesia, renal and bladder
conditions/endoscopy/ultrasound, abnormalities in foals, NSAID
toxicities, ultrasound of the pastern, lower limb wounds, nerve
blocks, puncture wounds in the foot, laminitis, synovial infection,
arthrodesis, tendon rehab.

Registrations open January 2021

See page 5 for details.

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

Testimonials 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 2 days. I learnt so much in each lecture and workshop. Thankyou"

*"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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Program

TUESDAY 2 FEBRUARY 2021		
Time	Topics	Speaker
7:30 – 8:25 am	Registration, coffee	All
8.25 – 8.30 am	Welcome	Dr Allison Stewart
8:30 – 9:00 am	Pain management in horses – can we do it better?	Dr Wendy Goodwin
9.00 – 9.30 am	Renal disease	Dr François-René Bertin
9:30 – 10:00 am	Investigating and treating bladder, umbilical and urachal abnormalities in foals	Dr Brianna Clark
10:00 – 10:30 am	Break, morning tea 1 with sponsors	All
10:30 – 11:00 am	NSAID toxicities	Dr Allison Stewart
11:00 – 11.30 pm	Ultrasound of the pastern	Dr Alex Young
11:30 – 12.00 pm	Lower limb wounds - there is a defect how can I close it?	Dr Ben Ahern
12:00 – 1.00 pm	Break, Lunch	All
1:00 – 5:00 pm	Three groups to rotate through two 90 minute practicals each day	
Wet Lab A: Surgery: Wounds on cadavers in equine surgery		Dr Steve Zedler Dr Ben Ahern Dr Albert Sole Guitart First session: Group 1 Second session: Group 3
Wet Lab B: Ultrasound of kidneys and cystoscopy		Dr Alison Stewart Dr François-René Bertin Dr Brianna Clark First session: Group 2 Second session: Group 1
Wet Lab C: Ultrasound of the pastern		Dr Alex Young Dr Georgina Johnston First session: Group 3 Second session: Group 2
1:00 – 5:30pm	Three groups of participants to rotate through the two 90 minute labs	
	Group 1 Group 2 Group 3	
1.00 – 2.30 pm	Lab A Lab B Lab C	Frist Session
2.30 –3.30 break	Afternoon tea 1	
3.30 – 5.00 pm	Lab B Lab C Lab A	Second Session
5:00 – 5.20 pm	Tour of hospital facilities (equine and small animal)	
5:30 pm	Dinner – Dining Hall (Platinum sponsors)	All

WEDNESDAY 3 FEBRUARY 2021			
Time	Topics		Speaker
8.00 – 8.30 am	Registration, Coffee		
8:30 – 9.00 am	Nerve blocks: I wish I knew then what I know now		Dr Steve Zedler
9.00 – 9:30 am	Puncture wounds in the foot		Dr Albert Sole Guitart
9:30 – 10.00 am	Laminitis - vets and farriers a synergistic relationship		Mr Craig Jones
10:00 – 10:30 am	Break, morning tea with sponsors		Break, morning tea
10.30 – 11.00 am	Management of synovial infection in the adult horse		Dr Natasha Lean
11:00 – 11:30 am	Arthrodesis - what can we do, procedures and outcomes		Dr Chantelle Jukic
11:30 – 12:00 am	The science behind a tendon rehab program		Dr Georgina Johnston
12:00 – 1:30 pm	Break, Sit-down Lunch (sponsored)		All
Three groups to rotate through remaining 90 minute practical			
Wet Lab A: Wounds on cadavers in equine surgery		Dr Steve Zedler Dr Ben Ahern Dr Albert Sole Guitart First session: Group 2	
Wet Lab B: Ultrasound of kidneys and cystoscopy		Dr Alison Stewart Dr François-René Bertin Dr Brianna Clark First session: Group 3	
Wet Lab C: Ultrasound of the pastern		Dr Alex Young Dr Georgina Johnston First session: Group 1	
Group 1 Group 2 Group 3			
1.30 – 3.00 pm	Lab C	Lab A	Lab B
3.00 – 3.30 pm	Afternoon tea		All
3:30 pm	Finish		

*Subject to change

CPD Points

6 hours of lectures (12 x 30 min) 6 CPD equivalent points

3 x 90 minute labs = 4.5 hr x 2 = 9 CPD equivalent points

Total CPD equivalent points = 15

Cost

Costs include proceedings booklet, coffee breaks, lunches both days and Wednesday evening dinner. Thanks to our sponsors, lunches, breaks and Wednesday evening dinner are included.

Veterinarians, including labs	both days – \$900+GST = \$990	1 day – \$600
Techs/nurses/assistants, including labs	both days – \$540	1 day – \$300
Remote online access to video recordings of lectures (for 6 months)	both days – \$175 – 5.5hrs CPD	
Participant online access to video recordings of lectures (for 6 months) and proceedings	both days – \$100	

Registration

Registrations open Jan 2021

URL - <https://payments.uq.edu.au/onestopweb/ECET101SCE009>

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

Also available for online viewing:

Twenty two 35 minute state-of-the-art lectures from the 2019 and 2020 conferences 6.5 hrs CPD per year \$175 each. CPD certificate and PDF of proceedings included.

To register for these please contact Claire Girvin: 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

Phone (07) 5460 1799
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 on 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) 54601489 or email ccu@uq.edu.au <https://halls.gatton.uq.edu.au/>

Gatton Motel: Railway Street, Gatton: contact (07) 54621333 www.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) 54656611 <http://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 2 February – Lecture summaries

Pain management in horses – can we do it better?

Dr Wendy Goodwin

Significant advances in the pain management of horses have been made. Unfortunately, strong evidence for the clinical efficacy of pain treatments and the breadth of treatment options available for horses still significantly lags behind other domestic species such as dogs and cats. None-the-less, many drugs and analgesic techniques that act at different locations or by different mechanisms in the pain pathway, are now available. Consequently, a balanced analgesic approach that improves horse welfare, potentially lessens negative side effects and complications, and improves the patient's recovery is now possible. This brief review examines current pain management options available for horses and what we, as veterinarians, can do better.

Renal and urinary tract diseases

Dr François-René Bertin

Renal and urinary tract disorders are often insidious disorders that only become clinically obvious when the diseases have progressed, and therapeutic options are limited. Early clinical signs are mild, unspecific and often missed by owners. However, many common diseases, such as colitis or myositis, commonly used drugs, such as aminoglycosides and nonsteroidal anti-inflammatory drugs, or improper diets represent risk factors for renal and urinary tract complications. Those can become clinically significant within hours or months after the primary insult. Therefore, a thorough diagnostic and monitoring approach, including diet analysis, blood work, urinalysis, urinary tract ultrasound and cystoscopy are indicated. In some cases, more advanced procedures such as renal biopsies, fractional excretion or water deprivation tests can be required to obtain a final diagnosis. This presentation will review the main causes of renal and urinary tract diseases and detail the diagnostic approach that can be conducted in the field and at a referral hospital.

Investigating and treating bladder, umbilical and urachal abnormalities in foals.

Dr Brianna Clark

Bladder, umbilicus and urachus disorders are common in neonate foals and can be life-threatening. Correctly diagnosing these problems is crucial in being able to promptly treat, manage and monitor those critical patients. This presentation will highlight diagnosis and treatment of these common conditions in foals, in the field and in a referral hospital.

NSAID toxicity

Dr Allison Stewart

Some horses are very sensitive to right dorsal colitis after NSAID administration. Initially there may be a protein losing enteropathy and monitoring of serum total protein or albumin concentrations is warranted with chronic or high-dose administration. Soft faeces, intermittent diarrhoea, fever and colitis can occur. Ultrasonography can show thickening of the wall of the right dorsal colon. Sometimes a large colon resection is required to remove a damaged or strictured colon. Excessive NSAIDs can also result in renal damage and

monitoring of urine specific gravity, tubular castes and serum creatinine is recommended. Clinical cases and COX selective NSAIDs will be discussed.

Ultrasound of the pastern

Dr Alex Young

Pastern ultrasound is a commonly performed procedure in equine practice and is often indicated in lameness examinations where there is improvement with a palmar/plantar digital nerve block. The anatomy in this region can be confusing due to the numerous different tendons and ligaments aligned in various orientations. This lecture will review the soft tissue anatomy of this location as well as some of the more commonly identified pathologies diagnosed at this level.

Lower limb wounds - there is a defect how can I close it

Dr Benjamin Ahern

This lecture will review and discuss techniques and tips associated with closure of lower limb injuries in horses. A focus on initial debridement, closure and methods of coaptation to maximize your chances of success in the field.

Wednesday 3 February – Lecture summaries

Nerve blocks: I wish I knew then what I know now

Dr Steve Zedler

Did you know that an intra articular stifle block can abolish pain in the sole? While diagnostic nerve blocks are still an essential step in making an accurate diagnosis in many lame horses, they are not as sensitive or specific as we would like to believe. In this lecture we will review some of the literature on effects of particular nerve block along with some case examples and practical tips.

Puncture wounds in the foot

Dr Albert Sole Guitart

Penetrating injuries to the foot are potentially life threatening for the horse. Diagnosis is usually obtained with a combination of radiography (including positive contrast studies) and synoviocentesis. In more complicated cases it is necessary to use advance imaging (MRI, CT) to determine which structures within the foot are involved. Superficial punctures usually carry a good prognosis however involvement of deep structures such as the pedal bone, deep digital flexor tendon and synovial structures can carry a very poor prognosis.

This presentation will showcase different clinical cases, diagnostic work-up, and treatment options of puncture wounds to the foot.

Laminitis - vets and farriers a synergistic relationship

Mr Craig Jones

To ensure the best management of cases of laminitis, trimming and farriery care must be performed every 4-6 weeks and should be based on radiographic assessment. Methods of applying support and reducing stresses in the acute and chronic laminitic foot will be discussed. By stabilising P3 during rotation or sinking, mechanical stresses on the hoof capsule/internal structure are reduced and regrowth of the laminae from the coronary band can occur with the correct alignment of P3. Measurement of palmer/plantar angle, assessment of the laminar wedge, correct placement of solar support (at the attachment of the deep flexor tendon) and shortening the point of breakover will be explained.

Management of synovial infection in the adult horse

Dr Natasha Lean

Synovial infection is common in horses of all ages. In adult horses the most frequent cause is a penetrating wound, however iatrogenic introduction (through injection or surgery) as well as hematogenous spread can also occur. The associated lameness is often severe and can be life threatening despite prompt, aggressive treatment.

This talk will discuss diagnostic techniques and the use of an evidence-based approach combining synovial lavage +/- debridement and targeted antimicrobial therapy in achieving a favourable outcome.

Arthrodesis - what can we do, procedures and outcomes

Dr Chantell Jukic

Degenerative joint disease is a common cause of pain and lameness in performance horses. This talk will highlight the surgical options for arthrodesis involving internal fixation and other less invasive techniques such as chemical or laser-based methods

Tendon rehab – the science behind it

Dr Georgina Johnston

A brief overview of tendon biomechanics and the pathogenesis of the most common tendon injuries. Discussion of tendon repair processes, markers of tendon healing and review of current treatment strategies.

Tuesday 2 and Wednesday 3 February – Laboratory summaries

Wet Lab A: Wounds on cadavers in equine surgery

Drs Steve Zedler, Ben Ahern and Albert Sole Guitart

Wet lab B: Ultrasound of kidneys and cystoscopy

Drs François-René Bertin, Allison Stewart and Dr Brianna Clark

Cystoscopy and renal ultrasound. Participants will gain hands on experience in performing and observing urethroscopy and cystoscopy. Identification of accessory sex glands (in males) and ureters will be noted. Importance of using medical CO2 inflation (to prevent terminal air emboli) will be discussed. Various ultrasound machines will be available to perform transabdominal evaluation of both kidneys. Images of rectal ultrasound of the left kidney will be provided.

Wet lab C: Ultrasound of the pastern

Drs Dr Alex Young and Georgina Johnston

Delegates will be given the opportunity to examine the normal soft tissue anatomy at the palmar/plantar pastern in a live patient. Examination will focus on the midline structures in cross-section and longitudinal orientations for beginner ultrasonographers. Advanced ultrasonographers will also explore the more peripherally located tendinous and ligamentous structures.

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, 3 dedicated residents and 2 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 Georgina Johnston, BVetMed, BSc(Hons I) MRCVS, Resident in Equine Sports Medicine and Rehabilitation
Dr Natasha Lean, DVM, BSc(VetBioSc), Resident in Equine Surgery
Dr. Brianna Clark BVSc (Hons) MANZCVS, Resident in Equine Internal Medicine
Dr Chantelle Jukic BVSc (Hons) Resident in Equine Surgery

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.



Craig Jones- Cert III Farriery, Cert IV TAA

Craig has been shoeing horses for over 30 years. He currently shoes at the University of Queensland Equine Veterinary Medical Hospital two days a week and teaches apprentice farriers in Queensland at the University of Queensland Gatton campus one day a week. The rest of the week he shoes for private clients and other veterinary clinics. Craig has won numerous awards, including Australian Open High point Champion twice (2005 & 2013), rookie of the year 2006 in the World Horse Shoeing Championships at the Calgary Stampede, and number one place in the Mustaad Asia Pacific 4 man team for the World Horse Shoeing championships Calgary 2014. He has won Australia’s most prestigious Open Horse shoeing event seven times and the Queensland Draught Horse Shoeing Championship five times. He has won & placed in many other Shoeing Competitions throughout Australia over the years, presented clinics, and judged Competitions throughout Australia & overseas.

Residents



Georgina Johnston (Georgie) graduated from the Royal Veterinary College in London. After a year in mixed practice, she moved to Australia and completed an internship at Randwick Equine Centre, focusing on equine surgery and racetrack practice. Georgie has since worked in first opinion and referral equine practice around Australia and the United States with performance horses from all disciplines. Her particular interests include lameness diagnosis, advanced imaging and cardiology. She is also an FEI official veterinarian. Georgie is involved in research into exercising arrhythmias, treadmill exercise testing and Thoroughbred fetlock pathology.



Natasha Lean grew up in England until the age of 18. She moved to Australia and completed a BSc in Veterinary Biology and DVM from the University of Adelaide. After graduation, Natasha worked for the University of Adelaide, during which time she helped treat victims of the Pinery bush fires. Natasha completed an 18-month rotating internship at The University of Queensland and is excited to be continuing her training at the university as a surgical resident. In 2017/18 she was the EVA Young Member Representative for South East Queensland. Natasha is currently completing a DVCLinSci on surgical treatment of laminitis and is also involved in research on recurrent laryngeal neuropathy.



Chantelle Jukic grew up in south east Queensland and graduated from the University of Queensland School of Veterinary Science. After graduation, she completed a 12-month rotating surgical and medicine internship at UQ VETS Equine Specialist Hospital. She then moved to America and went on to complete an orthopedic translational fellowship at the University of Pennsylvania focusing on critical size long bone defects. She recently returned to The University of Queensland to start her surgical residency training and is completing a DVCLinSci on surgical approaches and arthrodesis of the distal interphalangeal joint. Chantelle has a strong interest in orthopedics and airway surgery. The University of Queensland and is excited to be continuing her training at the university as a surgical resident. In 2017/18 she was the EVA Young Member Representative for South East Queensland. Chantelle is currently completing a DVCLinSci on surgical treatment of laminitis and is also involved in research on recurrent laryngeal neuropathy.



Brianna Clark graduated from 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.

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