### Monday 6 May 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Stream</th>
<th>Riverside Theatre</th>
<th>River View Room 4</th>
<th>River View Room 5</th>
<th>Meeting Room 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15-9:15</td>
<td><strong>Feline urethral obstruction and rupture</strong></td>
<td>Feline urethral obstruction and rupture&lt;br&gt;A practical step by step approach to assisting the blocked cat and to revise the options for managing urethral disruption&lt;br&gt;Catherine Sturgeon</td>
<td>Environmental enrichment: can living conditions lead to cat's behavioural problems?&lt;br&gt;Environmental Enrichment can be both a way to prevent behavioral problems and treat the existing ones.&lt;br&gt;Gonçalo da Graça Pereira</td>
<td>State of the market panel - An update on key changes in the boarder business environment and the Australian veterinary business landscape&lt;br&gt;Panel</td>
<td>Practical fluid therapy for use in the field and clinic&lt;br&gt;Which fluid types and when to use them in a variety of case based scenarios&lt;br&gt;Gayle Hallowell</td>
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<td>9:15-10:15</td>
<td><strong>Feline tail pull injury</strong></td>
<td>Feline tail pull injury&lt;br&gt;Urinary dyssynergia is a tragic consequence of a sudden traction force to the tail. We will review how best to manage these cats.&lt;br&gt;Catherine Sturgeon</td>
<td>Approaching main causes of elimination problems in cats&lt;br&gt;Is it simply a toilet or do details make the difference?&lt;br&gt;Gonçalo da Graça Pereira</td>
<td>Handling horse emergencies at an event&lt;br&gt;How to handle horse emergency scenarios at horse sporting events&lt;br&gt;Judith Medd</td>
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<td>10:15-10:45</td>
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<td>12:15-1:45</td>
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<td>1:45-2:45</td>
<td><strong>He ate what?</strong></td>
<td>He ate what?&lt;br&gt;An exploration of the management of a range of ingested toxins and foreign bodies&lt;br&gt;Katrin Swindells</td>
<td>Understanding emotional development in dogs and why it matters&lt;br&gt;Kersti Seksel</td>
<td>Keeping vets happy at work:&lt;br&gt;Results of BVA project on workplace satisfaction, unconscious bias and gender discrimination in the veterinary profession&lt;br&gt;Gudrun Ravetz</td>
<td>Getting the most from clinical pathology - what's useful and what's not&lt;br&gt;What is the value of clinical pathology, above physical examination, in critically ill equine cases&lt;br&gt;Gayle Hallowell</td>
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<td>2:45-3:30</td>
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<td>3:30-5:00</td>
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<td>5:00-6:00</td>
<td><strong>AFAST and TFAST: How can I get the best from these tests?</strong>&lt;br&gt;Learn more about these tests and their application in everyday practice&lt;br&gt;Zoe Lenard</td>
<td>Trauma and its effect on the brain&lt;br&gt;What do patients need to process and overcome traumatic events&lt;br&gt;Jacqui Ley</td>
<td>What do Australian customers say about vets?&lt;br&gt;Find out what the research says about what your clients think and how they make decisions&lt;br&gt;Alison Lambert</td>
<td>How to manage the non-weightbearing horse&lt;br&gt;Foot abscess or fracture? How to diagnose and treat horses that present with severe lameness.&lt;br&gt;Josie Hardwick</td>
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<td>6:00-7:00</td>
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*This program was correct at the time of printing but is subject to change. For the latest program visit [http://conference.ava.com.au](http://conference.ava.com.au)*

**This session is to be recorded as a podcast**
### Monday 6 May 2019

#### Meeting Room 3: Cattle
- **Meeting Room 4: Dentistry, Unusual Pets**
- **Meeting Room 6: Sheep, Camelids, Goats**
- **Meeting Room 7: Public Health**

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| 8:15-9:15 | **Insurance or bull**  
Attention to detail in both an insurance proposal and a future claim can help avoid undue pressure and ethical dilemmas following the breakdown of a bull  
Alan Guilfoyle | Examination and diagnosis of oral diseases in rabbits and rodents  
Good anatomic knowledge, clinical assessment and radiographs are the keys to diagnosis and treatment  
Jerzy Gawor | How To:  
(a) Overview of disease diagnostic approaches - How to systematically investigate diseases of small ruminants  
Peter Windsor  
(b) Decision making and problem solving practice in practice - Examining the key attributes of a skilled, experienced, problem solver veterinarian  
Helen McGregor | (a) What makes an effective One Health practitioner? Opinions of Australian OH experts  
Sandra Steele  
(b) One Health for Systems Strengthening  
A presentation on One Health research currently being conducted in the Asia-Pacific region and how this work benefits Australia  
Francette Geraghty-Dusan |
| 9:15-10:15 | Slings & surgery: A clinical perspective on bull sheaths  
The applied anatomy, pathophysiology and clinical management of conformational problems of the bovine preputium  
Peter Irons | Rabbit dentistry - common treatments  
Oral and dental pathology is one of the most common disorders encountered in rabbits. The general practitioners must know the basics  
Jerzy Gawor | How To:  
(a) Animal Welfare and Farmer Depression: How to broach the elephant in the room?  
When a farm visit discloses an impending disaster. How do we get farmers to have those difficult discussions?  
Susan Swaney  
(b) Faecal worm egg count reduction testing: best practice protocols to ensure optimum efficiency and accuracy  
Brown Besier | International perspectives on One Health  
One Health in livestock research in Africa and Asia  
Della Grace |
| 10:15-10:45 | Morning Tea - Exhibition Hall |
| 10:45-12:15 | President's Welcome  
Plenary - Work-Life balance; the Myths, the Lessons and the Responsibilities  
Nigel Marsh |
| 12:15-1:45 | Lunch - Exhibition Hall |

#### Meeting Room 8: Public Health
- **Meeting Room 3: Cattle**
- **Meeting Room 4: Dentistry, Unusual Pets**
- **Meeting Room 6: Sheep, Camelids, Goats**

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| 1:45-2:45 | Syndromic surveillance – a biosecurity frontline for northern Australia  
An overview of the unique animal biosecurity risks to northern Australia, and the systems in place to address them.  
Cassandra Wittwer | Use of local anaesthesia in dentistry  
Intra-operative oral pain can be managed very effectively with the use of local anaesthetic agents  
Anthony Calara | Research Update:  
(a) Alternative engagement methods for improved peri-urban smallholder livestock health and farm biosecurity.  
Nic Schembri  
(b) Aphid associated photosensitisation  
Outbreak of photosensitisation in cattle and horses following the ingestion of aphids  
Colin Trengove | Welfare sentence and law: an international perspective  
International public opinion and law is changing animal use practices  
Don Broom |
| 2:45-3:30 | Afternoon Tea - Exhibition Hall |
| 3:30-5:00 | AVA Awards Ceremony and Annual General Meeting |

#### Meeting Room 3: Cattle
- **Meeting Room 4: Dentistry, Unusual Pets**
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| 5:00-6:00 | FMD Training - Nepal 2018  
Summary of FMD Training in Nepal. What the disease looks like in Nepal and lessons for Australia.  
Stuart Skirving | Common dental problems in paediatric patients  
The importance of the early identification and treatment of oral pathology in young patients  
Tara Cashman | Research Update:  
(a) Does small lungworm reduce production in heavily infected sheep?  
Small lungworm infections are often detected at abattoirs, whilst few obvious clinical signs are seen. Heavy infections may cause production loss  
Jenny Hanks  
(b) Application of virtual herding technology on individual and groups sheep movements and assessing the systems impact on animal welfare  
Danila Marini | Assessment and treatment of chronic pain in small animals  
Tools available to assist clinicians in recognise chronic pain in small animal patients and explore treatment options  
Leon Warne |
| 6:00-7:00 | Happy Hour - Exhibition Hall |
Tuesday 7 May 2019

| Stream | Small Animal | Behaviour | Business, Industry | Equine | Cattle, Welfare |
|--------|--------------|-----------|--------------------|--------|-----------------
| 8:00-9:00 | Dog attack - Decision making in the critical trauma patient<br>Initial assessment, diagnostics and treatment of big dog versus little dog/cat interactions and the common sequelae<br>Katrin Swindells | Who is guilty? Mind? Body? Or both? The relation between body and mind is well studied in humans. Is it the same in our companion animals?<br>Gonçalo da Graça Pereira | State of human resources<br>Panel | Case discussion on the management of the sick foal<br>Case examples of some common and less common scenarios encountered in foals and options for management in the field if referral is not an option.<br>Gayle Hallowell | Aspects of assessing pain during disease and operations in farm animals<br>Research information indicates that pain can be minimised on farms and the public demand that this be done<br>Don Broom |
| 9:00-10:00 | Supporting the trauma patient<br>Review the use of thoracic drains, oesophagostomy tubes and confidently plan and action open wound management<br>Catherine Sturgeon | You know you want it - medication! Psychotropic medications. What to use, when to use it and how to use it<br>Jacqui Ley | State of the international market<br>Panel | Examination of the ‘sore-backed’ horse – a practical approach<br>Physical examination and diagnostic approach on a horse with a sore back and the clinical significance of ‘abnormal’ findings.<br>Rachael Smith | Anti microbial stewardship - What’s the resistance - Practical information for discussing antimicrobial stewardship in your practice.<br>Michael Dhar |
| 10:00-10:45 | Morning Tea - Exhibition Hall |
| 10:45-11:45 | Surgical haemorrhage: arrest the bleed<br>Anticipate bleeding, recognise risk and predisposing factors and revise what to do in the event of an intra operative bleed.<br>Catherine Sturgeon | Noise sensitivity or noise phobia? What is the difference and why it matters<br>Kersti Seksel | State of the international market<br>Panel | Examination of the ‘sore-backed’ horse – a practical approach<br>Physical examination and diagnostic approach on a horse with a sore back and the clinical significance of ‘abnormal’ findings.<br>Rachael Smith | Anti microbial stewardship - What’s the resistance - Practical information for discussing antimicrobial stewardship in your practice.<br>Michael Dhar |
| 12:00-1:15 | Plenary - The science of vet talk<br>Cindy Adams | | |
| 1:15-2:30 | Lunch - Exhibition Hall |
| 2:30-3:30 | Dealing with dyspnoea: a sensible approach to imaging dogs and cats<br>A logical and orderly assessment to which imaging test to use in the dyspnoeic patient<br>Zoe Lenard | Chronic stress and renal disease in cats<br>The impact in the kidney of environmental stressors existing in the current living conditions of cats will be presented<br>Gonçalo da Graça Pereira | (a) Novel indicators of pain including facial action units in lambs<br>Lambs were administered pain relief and assessed for pain post mulesing using behaviour, facial action units and activity.<br>Serina Hancock | Foal resuscitation: What is possible in the field?<br>How and when to make a significant difference in the outcomes of critically ill foals in the field.<br>David Byrne | The future of milking management in Australasia<br>Based on relevant, and recent research, we have a pathway to optimising milking management for Australian and NZ cows.<br>John Penny |
| 3:30-4:00 | Afternoon Tea - Exhibition Hall |
| 4:00-5:00 | Introduction<br>Steven Metcalfe<br>Non-neoplastic and neoplastic disorders linked to desexing in dogs<br>Activation of luteinizing hormone receptors in non-reproductive tissues may explain the higher incidence of some long-term health problems following desexing<br>Michelle Kutzler | The dog play study<br>Dr Jacqui Ley has been surveying Australian dog owners about how they play with their pets. Come and hear the results<br>Jacqui Ley | Antimicrobial stewardship: Science and regulation<br-Key elements of AMS, principally for grazing ruminants, and the respective roles of clinical risk assessment and regulation<br-Ray Batey and Helen | Snake envenomation in the horse<br>Diagnosis and treatment of elapid snake envenomation in Australian horses.<br>Annemarie Cullimore | Mitigating eye disease in sheep and cattle destined for live export<br>The investigation of the causes, treatment and prevention of severe eye disease in sheep and cattle in the live-export supply chain.<br>Michael Lawrence |
| 5:00-6:00 | Things you should consider when anaesthetising older patients<br>Kersti Seksel | Antimicrobial stewardship: Science and regulation<br-Discussion panel | What is equine chiropractic treatment and how can it help<br>A detailed description of what equine chiropractic is, who should be performing it, and how it can help to assess and treat abnormal function or pain of the axial musculoskeletal system.<br>Rachael Smith | (a) Antimicrobial Use and Resistance in Western Australia Dairy Herds: A pilot study<br>Herb Rovay | (b) Qualitative behavioural assessment of cattle<br>Can we use assessment of behaviour to indicate welfare of cattle?<br>Gene Barnes |
| 6:00-7:00 | Happy Hour - Exhibition Hall |
### Tuesday 7 May 2019

#### Meeting Room 6

**Stream**
- Understanding tooth resorption and how to manage cases
  - Understanding the different stages and types of tooth resorption their clinical importance
  - Rebecca Nilsen

**Meeting Room 7**

**Dentistry**
- Top ten tips for avian surgery
  - Avian surgery is often regarded as difficult. The author offers 10 tips to make it easier and successful
  - Bob Doneley

**Unusual Pets**
- Science communication to enhance community engagement in wildlife conservation
  - An overview of the science communication toolbox, to assist those working in wildlife conservation to communicate effectively with the community
  - Phil Tucak

**Conservation Biology**
- (a) Why do veterinarians leave clinical practice?
  - Influences and reasons for veterinary clinicians to stop working in clinical practice
  - Alejandra Arbe-Montoya
- (b) Altruism - professional or pathological and fit for purpose in the veterinary profession?
  - What is altruism, and is it an appropriate trait for veterinary health care providers?
  - Adele Feakes

#### Morning Tea - Exhibition Hall

#### Stream
**Dentistry**
- Treatment options for linguoverted canine teeth in dogs
  - This malocclusion is associated with pain and thus requires treatment.
  - Different treatment options are available
  - Jerzy Gawor

**Unusual Pets**
- (a) Reproductive disease in pet birds: a problem of the chicken or the egg?
  - Courtney Dunne
- (b) Tips on sunshinevirus in pythons
  - How to tell if your python is infected, and what to do about it
  - Jane Wesson

**Conservation Biology**
- Faunal crisis - a time like no other
  - Managing habitat degradation is a key strategy to prevent threatened species extinctions. This talk will investigate issues and solutions
  - Michael Banyard

**Education**
- (a) Veterinary education in Australia - a student's perspective
  - Cultural trends that motivate or dissuade young veterinarians
  - Sam Kiernan
- (b) Knights or knaves - are veterinary graduands different to others?
  - Altruism is 'revealed' using a choice experiment with engineering, science, non-STEM, nursing and veterinary science students.
  - Adele Feakes

#### Plenary - The science of vet talk

**Cindy Adams**

#### Lunch - Exhibition Hall

#### Stream
**Dentistry**
- Malignant oral tumours - preparing for the worst
  - Each proliferative or ulcerative lesion should be considered a potential tumor
  - Jerzy Gawor

**Unusual Pets**
- (a) How to approach the neurological Rabbit
  - How to identify, stabilise and treat the most common neuropathies of Australian rabbits
  - Kelly Giles
- (b) Distinguishing between hypomotility and obstruction in the inappetant rabbit
  - Nicole Su

**Conservation Biology**
- (a) Australian wildlife - gaining experience in the field
  - Phil Tucak
- (b) Surviving wildlife admissions in general practice - Management of wildlife that are likely to be presented to the GP vet practice. How to care for the cases, the environment and yourself
  - Gary Beilby

**Education**
- (a) Wellbeing in veterinary students: a student led study
  - The understanding of wellbeing among veterinary students
  - Evangeline Beech
- (b) Program development of day one competencies in Small Animal Surgery
  - Frans Venter

#### Afternoon Tea - Exhibition Hall

#### Stream
**Dentistry**
- Oral anatomy and dental charting for practitioners
  - This presentation outlines clinically important oral anatomy and a practical way to record clinical findings
  - Michael Lawley

**Unusual Pets**
- Abnormal faeces in the adult rabbit
  - True diarrhoea in adult rabbits is uncommon. This talk investigates the possible causes of diarrhoea in rabbits and treatment options
  - Gerry Skinner

**Conservation Biology**
- (a) Interactions between land use change, flying-fox ecology and Hendra virus dynamics
  - Alison Peel
- (b) Before it's too late - An overview of conservation and wildlife medicine research projects undertaken at Murdoch University
  - Kristin Warren

**Education**
- (a) Do skills translate from project to practice? How does completion of a research-based project compared to other content within a veterinary degree.
  - Peter Irons
- (b) Teaching excellence award presentation

#### Happy Hour - Exhibition Hall

#### Stream
**Dentistry**
- Managing oral fractures - the dentists' way!
  - In head trauma, multiple injuries of maxillofacial structures may occur so the patient requires thorough assessment
  - Jerzy Gawor

**Unusual Pets**
- Water quality impacts on the health of freshwater turtles
  - Poor water quality parameters, such as high nitrate and ammonia, cause anorexia and skin lesions in freshwater turtles
  - Anne Fowler

**Welfare**
- Pets in the park
  - How charitable actions or involvement can result in innumerable benefits, not only for recipients but also givers, companies, community
  - Mark Kelman

**Education**
- (a) When are non-technical skills important? Earlier or later
  - What influences veterinary students' perceived importance of non-technical skills
  - Madison Helms
- (b) Exploring the gap between anaesthesia skill confidence and competence - Student self-evaluations are often misaligned with supervisor assessments
  - Jennifer Carter

#### Meeting Room 2

**Stream**
- (a) Why do veterinarians leave clinical practice?
  - Influences and reasons for veterinary clinicians to stop working in clinical practice
  - Alejandra Arbe-Montoya
- (b) Altruism - professional or pathological and fit for purpose in the veterinary profession?
  - What is altruism, and is it an appropriate trait for veterinary health care providers?
  - Adele Feakes
### Wednesday 8 May 2019

**Stream** | **Riverside Theatre** | **River View Room 4** | **River View Room 5** | **Meeting Room 1** | **Meeting Room 3**
---|---|---|---|---|---
8:00-9:00  | Caesarean section: optimise your approach  
Revise your pre, intra and post operative plans and techniques for the C-section  
Catherine Sturgeon  
| What to do when training does not help  
Kerstl Seksel  
| Change Management Workshop  
Prepare, manage and reinforce: A practical approach to implementing effective practice changes with your team  
Sue Crampton and Tania Gover  
| (a) Significance and outcome of tarsal fractures on pre-sale yearling radiographs  
Fractures in juvenile horses before entering race training  
(Cate Steel  
(b) Minimising microbial growth during liquid storage of stallion spermatozoa  
A development which allows stallion spermatozoa to be stored at room temperature for up to 7 days  
Jen Ciuolow  
| Practical aspects of sperm morphology and motility  
How to achieve accurate sperm morphology and motility results and their application  
Tracy Sullivan

9:00-10:00  | (a) New ASAV Standards of Care: Anaesthesia guidelines for dogs and cats  
Introduction and discussion  
Leon Warne  
(b) The value of surgical checklists  
Surgical checklists have gained popularity, however are they worth the additional time?  
Carla Appelgrein  
| Old cats: behaviour problems and treatment  
Relation between aging processes and behavioural changes. Treatment will include 4 different approaches, which will not stop aging, but will delay it.  
Goñçalo da Graça Pereira  
| (a) TIVA in horses: Guaiifenesin compared with midazolam  
Investigating total intravenous anaesthesia of ketamine, medetomidine, and guaifenesin or midazolam  
Alexandra Cunneen  
(b) Clearance of dexamethasone sodium phosphate following nebulisation of clinical doses in adult horses  
Time of dexamethasone clearance from the urine and plasma after nebulisation  
Nicolle Symonds  
| Livestock export - the role of veterinarians  
What do livestock export veterinarians do? Balancing animal welfare with regulatory frameworks and commercial realities across the globe.  
Holly Ludeman and Renee Willis

10:00-10:30  | Morning Tea - Exhibition Hall

10:30-11:30  | GDV - great surgery is only half the battle  
Optimal outcomes for GDV's require a holistic approach  
Katrin Swindells  
| Do you know what the dog is trying to tell you? Reading body language 101  
Kerstl Seksel  
| Communication in veterinary medicine: mainstream activity or minority sport?  
Maintaining communication teaching and learning in the practice setting  
Cindy Adams  
| When gelding goes wrong  
Where are we at? Complication management and options to reduce them  
Pete Harding  
| Investigating congenital abnormalities in cattle  
Is it due to an inherited abnormality?  
Peter Windsor

11:30-1:30  | Plenary - VetEd Talks

1:30-2:30  | Lunch - Exhibition Hall

2:30-3:30  | Acute phase proteins in small animals  
Diagnostic, prognostic monitoring role of the major acute phase proteins  
Gabriele Rossi  
| Life skills for kittens: what can owners do to help kittens grow up into confident cats?  
Tips and tasks for owners to work with their kittens in order that they become confident adults  
Goñçalo da Graça Pereira  
| Practical in practice communication  
A primer on communication for all team members - the do's and don't of talking to clients and one another  
Cindy Adams  
| Case discussion of when a colic is not a colic  
This session, using cases, will discuss the wide variety of cases that mimic abdominal pain in the horse  
Gayle Hallowell  
| Sudden death in cattle and sheep  
Investigating sudden death in cattle and sheep in central NSW  
Bruce Watt

3:30-4:00  | Afternoon Tea - Exhibition Hall

4:00-5:00  | Should I give maropitant or meloxicam to the vomiting dog?  
Inappropriate medical decisions could result in adverse outcomes for patients  
Katrin Swindells  
| Canine aggression: when dogs don't like anyone (part 1)  
Why dogs bite and how to treat aggression due to mental illness in dogs  
Jacqui Ley  
| Core skills of veterinary communication  
Identify and practice communication skills that have a profound impact on building relationships, improving efficiency and accuracy in the consultation  
Cindy Adams  
| Cardiovascular derangement in the critically ill horse  
Underlying pathophysiology of the cardiac changes seen in animals with critical illness  
Gayle Hallowell  
| Automated mastitis diagnostics during milking - technology, performance and challenges  
John Penny

5:00-6:00  | Brachycephalics and their comorbidities  
With the ever-increasing popularity of brachycephalics our role in their survival is mounting.  
Carla Appelgrein  
| Canine aggression: when dogs don't like anyone (part 2)  
Understanding why dogs bite and how to treat aggression due to mental illness in dogs  
Jacqui Ley  
| (a) Ten ways to improve your veterinary mentation  
Brian Mc Erlean  
(b) Why the long face? Sucking the marrow from your veterinary career  
Josie Hardwick  
| Abdominal ultrasound of the colicky horse  
How to perform and interpret transcutaneous abdominal ultrasound in a horse with colic  
Paul Davye  
| Immune responsiveness as a predictor of health and welfare of Australian dairy cattle  
An immune testing protocol for Australian dairy cattle  
Josh Aleri

6:00-7:00  | Happy Hour - Exhibition Hall
**Wednesday 8 May 2019**

### 8:00-9:00

**Meeting Room 6**

- **Sheep, Camelids, Goats**
  - Sentence, welfare, ethics and human entertainment
  - How should we value other animals and should we allow harms to sentient beings for our amusement?
  - Don Broom

- **Welfare, Industry**
  - Fascia - the forgotten tissue
  - (part 1) The connective tissue as fascia has for long been neglected, new research show that it is important - but why?
  - Rikke Schultz

**Meeting Room 7**

- **Acupuncture**
  - Bites, scratches, scrubs - infection control in companion animal practices
  - Personal and environmental infection control practices are critical to prevent nosocomial and zoonotic infections in veterinary practice.
  - Angela Willemensen

**Meeting Room 8**

- **Public Health, Industry**
  - Providing pain relief for lambs
  - Helen McGregor

### 9:00-10:00

**Meeting Room 6**

- **Sheep, Camelids, Goats**
  - (a) Reproductive wastage in young ewes
    - Update on the causes of reproductive wastage in young ewes
    - Caroline Jacobson
  - (b) Diagnosis and management of respiratory diseases in small ruminants
    - Preparing for the 'cost of respiratory diseases from intensification' requires greater awareness of both the endemic and transboundary respiratory disease risks
    - Don Broom

**Meeting Room 7**

- **Welfare, Industry**
  - Tourism and marine mammal welfare
  - Tourism can lead to poor welfare of captive and wild marine mammals but good practice can minimise this
  - Don Broom

- **Acupuncture**
  - Fascia - the forgotten tissue
  - (part 2) The connective tissue as fascia has for long been neglected, new research show that it is important - but why?
  - Rikke Schultz

### 10:00-10:30

Morning Tea - Exhibition Hall

### 10:30-11:30

**Meeting Room 6**

- **Sheep, Camelids, Goats**
  - (a) Local research update
    - Update on R&D projects relevant to sheep health and production
    - Caroline Jacobson
  - (b) The challenge to improving lamb survival that won't go away
    - Snap shot of current R&D undertaken by Murdoch University and its collaborators.
    - Andrew Thompson

**Meeting Room 7**

- **Welfare, Conservation Biology**
  - Legal frameworks for wild animal welfare
    - Jurisdictions vary in statutory protections provided to wild animals and the regulation of harmful activities like land clearing
    - Hugh Finn
  - (b) Land clearing: the costs borne by wildlife
    - Physical injuries and pathological conditions seen in wildlife
    - Nahid Stephens

**Meeting Room 8**

- **Acupuncture**
  - Acupuncture and rehabilitation for polyradiculoneuritis
    - (coyhound paralysis) - useful tips and tricks
    - Acupuncture combined with biomechanical medicine and rehabilitation techniques can improve the recovery rate of Polyradiculoneuritis
    - Kim Lim

**Meeting Room 9**

- **Public Health, Industry**
  - (a) Innovative ways to enhance early detection of significant diseases
    - Innovative ways to incentivise and normalise reporting for early detection of pests and diseases are discussed
    - Michelle Rodan
  - (b) Global burden of animal diseases: problem, solution and legacy
    - The Global Burden of Animal Diseases will develop a system that provides information on the economic impact of livestock diseases
    - Mieghan Bruce

### 11:30-1:30

Plenary - VetEd Talks

### 1:30-2:30

Lunch - Exhibition Hall

### 2:30-3:30

**Meeting Room 6**

- **Sheep, Camelids, Goats**
  - (a) NUMNUTS - providing pain relief for lamb marking
    - The research underpinning a new tool for delivering local anaesthetic to lambs at the time of ring application
    - Alison Small
  - (b) Protozoal infections in sheep
    - Update on current understanding
    - Caroline Jacobson

**Meeting Room 7**

- **Welfare, Industry**
  - The welfare of animals during transport
    - Scientific evidence indicates the factors affecting animal welfare during and after transport so some practices should be banned
    - Don Broom

**Meeting Room 8**

- **Acupuncture**
  - Acupuncture points on the head with regard to craniosacral therapy
    - Acupuncture points of the head is related to the underlying anatomy of the cranial nerves and to the cranium.
    - Rikke Schultz

**Meeting Room 9**

- **Public Health**
  - (a) Coxiella burnetii seroprevalence in Australian veterinary workers
    - Results of a cross-sectional study
    - Emily Sellens
  - (b) Methods to detect C. burnetii from the environment
    - A systematic review of sampling methods to detect C. burnetii in the environment
    - Hasanthi Abeykoon

### 3:30-4:00

Afternoon Tea - Exhibition Hall

### 4:00-5:00

**Meeting Room 6**

- **Introducing endodontics: pulp capping in practice**
  - Preserving a vital immature or mature tooth within the periodontium is the goal of the veterinary dentist whenever possible
  - Jerzy Gawor

**Meeting Room 7**

- **Emerging animal welfare issues for Australian abattoirs**
  - The impact of animal welfare standards and slaughter techniques on welfare in red meat and poultry abattoirs
  - Leisha Hewitt

**Meeting Room 8**

- **Myofascial kinetic lines in horses and dogs (part 1)**
  - The kinematics of the body can be described by continues lines of muscles, fascia and other connective tissues
  - Rikke Schultz

**Meeting Room 9**

- **Public Health**
  - (a) Foot and mouth disease: are we prepared for an outbreak?
    - Australia needs to be prepared for an emergency animal outbreak focusing on various different pre and post outbreak aspects
    - Wilna Vosloo
  - (b) How to catch an exotic disease
    - Megan Curnow

### 5:00-6:00

**Meeting Room 6**

- **Never too old: Geriatric feline anaesthesia for the general practitioner**
  - Tips and essential tools on how to safely and confidently anaesthetise the geriatric cat in general practice
  - Martine van Boeijen

**Meeting Room 7**

- **Mobile abattoirs - One more day on the farm**
  - From March 2019, licensed off-farm mobile slaughter units offer a robust alternative to current processing options
  - Phil Larwill

**Meeting Room 8**

- **Myofascial kinetic lines in horses and dogs (part 2)**
  - The kinematics of the body can be described by continues lines of muscles, fascia and other connective tissues
  - Rikke Schultz

**Meeting Room 9**

- **Public Health**
  - (a) Improving detection, investigation and management of emergency animal diseases
    - Designing a training package to educate veterinarians
    - Tabita Tan
  - (b) Reconstructing FMD outbreak transmission networks
    - Evaluation of fitness for purpose of FMD outbreak transmission network models, further model development and application
    - Simon Firestone

### 6:00-7:00

Happy Hour - Exhibition Hall
<table>
<thead>
<tr>
<th>Stream</th>
<th>Riverside Theatre</th>
<th>River View Room 4</th>
<th>Meeting Room 3</th>
<th>Meeting Room 1</th>
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</thead>
<tbody>
<tr>
<td>8:00-9:00</td>
<td><strong>Biliary Tract Surgery</strong>&lt;br&gt;We ask ourselves: Why does the bile stop flowing? What are the options and is surgery always appropriate? Catherine Sturgeon</td>
<td>The Hub&lt;br&gt;Topical issue - small group discussion with the experts</td>
<td><strong>Case discussions on equine emergency and trauma cases</strong>&lt;br&gt;This session will present a wide variety of equine cases and the management using gold standard principles of emergency and critical care in order to obtain an optimal outcome. Gayle Hallowell</td>
<td><strong>Setting up a dental service</strong>&lt;br&gt;Why is a comprehensive dental service important for your practice? A step-by-step guide to improving your dental service is discussed Michael Lawley</td>
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<td>9:00-10:00</td>
<td><strong>Adrenal surgery</strong>&lt;br&gt;Review the fascinating physiology of these endocrine glands, the havoc they cause when they malfunction and the considerations given to adrenal surgery Catherine Sturgeon</td>
<td><strong>Medical management of colic in practice</strong>&lt;br&gt;Focus on the conservative management of large intestinal impactions and sand enteropathy. Emma McConnell</td>
<td><strong>Building the equine dental side of your mixed or equine practice</strong>&lt;br&gt;Join us to discuss some tips when it comes to trying to build the equine dental side of your practice. Oliver Liyou</td>
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<tr>
<td>10:00-10:30</td>
<td><strong>Take my breath away... a highway to the danger-zone</strong>&lt;br&gt;With an increase in the popularity of our brachycephalic dogs, an understanding of upper airway pathophysiology, methods of assessment and prophylactic management is necessary in order to be the best of the best. Aaron Moles</td>
<td><strong>Veterinary communication: why and how does it go wrong</strong>&lt;br&gt;From paternalism to partnership - building strong client relationships Cindy Adams</td>
<td><strong>Performing a post race veterinary exam and common findings</strong>&lt;br&gt;Performing a post race veterinary examination at a race course and the use of the Alivecor ECG monitor in post race examinations Judith Medd</td>
<td><strong>Challenging periodontal disease case management</strong>&lt;br&gt;Periodontal disease is generally described in two stages, gingivitis and periodontitis. Both are manageable although often require very complex approach Jerzy Gawor</td>
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<td>11:30-12:30</td>
<td><strong>Ben Cunneen Memorial Plenary</strong> - No food security without food safety: lessons from low and middle income countries Delia Grace</td>
<td><strong>How to take the message home to your practice and staff</strong>&lt;br&gt;High performance veterinary practice culture: How to use a relational approach for achieving quality, efficiency and resilience in the workplace Cindy Adams</td>
<td><strong>Performing a post race veterinary examination at a race course and the use of the Alivecor ECG monitor in post race examinations</strong> Judith Medd</td>
<td><strong>What went wrong? Mistakes and malpractice in small animal dentistry</strong>&lt;br&gt;In medicine, errors occur but they may occur after intentional or unintentional actions. The first group is classified as malpractice the second is medical error Jerzy Gawor</td>
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<td>12:30-2:00</td>
<td><strong>Lunch - Exhibition Hall</strong></td>
<td><strong>Strategic deworming in horses: the current thinking</strong>&lt;br&gt;Overview of the current thinking regarding parasite management strategies and anthelmintic resistance, relevant to Australian equine practitioners Emma McConnell</td>
<td><strong>Dealing with diarrhoea in the adult horse</strong>&lt;br&gt;The systematic approach to diagnosis and treatment of acute diarrhoea in the adult horse Annemarie Cullimore</td>
<td><strong>Homecare advice - what should we be telling clients?</strong>&lt;br&gt;A detailed look at homecare options to reduce the accumulation of dental plaque and ultimately prevent or control periodontal disease Rebecca Nilsen</td>
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<td>2:00-3:00</td>
<td><strong>Oesophageal FB: to scope or operate</strong>&lt;br&gt;Bones, hooks, hoof pairings and chew sticks are amongst the objects we may encounter. We take a look at how to successfully remove Catherine Sturgeon</td>
<td><strong>How to take the message home to your practice and staff</strong>&lt;br&gt;High performance veterinary practice culture: How to use a relational approach for achieving quality, efficiency and resilience in the workplace Cindy Adams</td>
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<td><strong>Afternoon Tea</strong></td>
<td><strong>Enteropathogens in cats and dogs</strong>&lt;br&gt;Common enteric infectious agents causing diarrhoea in cats and dogs and diagnostic tests used to detect these will be discussed Jason Stayt</td>
<td><strong>Pack your tool kit - big ideas and changes from the week</strong>&lt;br&gt;In this final session, Paula will recap the key learnings from the week and make sure we can all have our tools at the ready Paula Parker</td>
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<td>8:00-9:00</td>
<td>Opening and chair</td>
<td>Food Security Day</td>
<td>Career Development</td>
<td>Vets in the Community</td>
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<td></td>
<td>Mark Schipp</td>
<td>Food security internationally and Australia’s role: aligning nutrition, biodiversity, welfare</td>
<td>(a) Internships and residencies - Australia and beyond</td>
<td>VetTrain - Landmark veterinary training</td>
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<td>Achieving sustainable food and nutrition security for all by 2050: synopsis, challenges and opportunities</td>
<td>Guy Bird</td>
<td>Addressing the global challenges to the health and welfare of domestic pets, livestock, wildlife, humans and the environment</td>
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<td>(b) ASAV GP training</td>
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<td>(c) Why do your membership</td>
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<td>Zog Lenard</td>
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<td>(d) Should I do a PhD</td>
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<td>Meredith Flash</td>
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<td>(e) A career in the government</td>
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<td>9:00-10:00</td>
<td>Conserving Australia's biodiversity, while doubling food production</td>
<td>This talk reviews the current and projected ecological state of Australia’s native animal and plants populations, and proposes a bold and budgeted plan to balance increased food production with biodiversity conservation</td>
<td>Adrian Ward</td>
<td>EDVOS pet safety program – The link between animal abuse and family violence</td>
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<td>10:30-11:30</td>
<td>Some animal production methods are unsustainable: factors include poor welfare</td>
<td>The future of animal production depends on consumer attitudes to animal welfare and other aspects of sustainability: be proactive</td>
<td>Don Broom</td>
<td>Fascia planes, acupuncture meridians and points</td>
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<td>2:00-3:00</td>
<td>Wildlife conservation programs in pastoral landscapes in Northern Australia</td>
<td>Pastoralism is a dominant land-use in Northern Australia. AWC is working with pastoralists to integrate biodiversity conservation with cattle production</td>
<td>John Kanowski</td>
<td>Myofascial kinetic lines and acupuncture meridians (primary and 8 extras)</td>
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<td>I'm getting bald! Is it stress?: feline psychogenic alopecia</td>
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<td>How to diagnose and approach Feline Psychogenic Alopecia? Which are the steps to achieve the final diagnose? Which are the main possible treatments to support these animals?</td>
<td>Gonçalo da Graça Pereira</td>
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<td>Australia and the global context</td>
<td>The global context, and Australia’s position, regarding one health, food security and the environment from the Australian Chief Veterinary Officer</td>
<td>Mark Schipp</td>
<td>Test and treatment of the lines with specific acupuncture points</td>
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<td>Noise reactivity: diagnose and treatment</td>
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<td>Diagnose of Noise Reactivity is based in the behavioural signs. The treatment will depend on these signs, but it can be from a environmental adaptation, to behavioural modification plan, including pharmacologic approach</td>
<td>Gonçalo da Graça Pereira</td>
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