



Caring for animals:
Healthy communities

Cape Town International Convention Centre, South Africa



PRELIMINARY PROGRAMME

Monday 10th October – Pre-congress day

Separate registration required!

National Veterinary Clinicians Group Pre-congress Day

Speaker	08.00 – 08.30	08.30 – 09.15	09.20 – 10.05	10.10 – 10.45 Tea	10.45 – 11.30	11.35 – 12.20	12.20 – 12.40	12.40 – 13.30 Lunch	13.30 – 14.15	14.20 – 15.05	15.10 – 15.30 Tea	15.30 – 16.15	16.20 – 17.05
Jody Lulich Venue: Roof terrace	Registration and tea	Managing the 4 most difficult urinary tract infections	Diagnosing feline lower urinary tract disease		Safely unobstructing the feline urethra	Diagnosing lower urinary tract disease: the 10 most common mistakes	Afrivet academy		Case presentations: Unique solutions to manage LUTD disease	Case presentations: Unique solutions to manage LUTD disease		Recognizing and avoiding acute kidney failure	Understanding and treating feline kidney failure



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WVA Council Meeting 10.00 - 17.00
Venue: Boardroom



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Tuesday 11th October

Session	07.40 – 8.25	08.30 – 9.10	09.15 – 9.55	10.00 Tea	10.30 – 12.30	12.30 Lunch	13.30 – 14.10	14.15 – 14.55	15.00 Tea	15.30 – 16.10	16.15 – 16.55	17.00 – 17.40	17.45 – 18.30	
PRODUCTION ANIMALS AND WILDLIFE	WVA Summit Venue: 1.41 & 1.42	07.30 – 8.25 PLENARY SESSION Peter Ardington	Welcome and Opening: - WVA: T Jorna, WVA President - OIE: B Vallat, OIE Director General		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Availability and use of antimicrobials in animals: from 1928 until today Vinny Naidoo Responsible use of antimicrobials – WVA perspective Lyle Vogel	Benefits, risks and challenges related to the use of antimicrobials Barbara Freischem Questions and Answers Debate		Risk assessment and surveillance of the use of antimicrobials and antimicrobial resistance in humans Awa Aidara-Kane The veterinary perspective on responsible use Peter Jones	Codex Alimentarius standards and guidance related to antimicrobials in agriculture and antimicrobial resistance Annika Wennberg Integrated approaches to promote responsible use of antimicrobials: - Integrated study of food-borne antimicrobial resistance in Kenya Patrick Otto - Antimicrobial use in aquaculture David Huchzermeyer	International standards and capacity building to promote prudent use of antimicrobial agents in animals Elisabeth Erlacher-Vindel Questions and Answers Debate	Conclusions Closing of Summit	
	Livestock Health and Production Venue: 1.43	PLENARY SESSION Peter Ardington	Swine African Swine Fever: historical review of a re-emerging disease Mary-Louise Penrith Community-based African swine fever prevention and control Daniel Beltrán-Alcruo	Swine The alternative spay for pet pigs Tom Spencer Biosecurity – balancing national herd security with the contribution of informal pig farming Jim Robinson		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Sheep/goats A survey of NSW tablelands sheep producers shows high ewe mortality rates in 2010 B Watt Transmission of <i>Mannheimia haemolytica</i> from the tonsils of lambs to the teat of ewes during suckling IA Fragkou	Sheep/goats Health management of dairy ewes during the dry period VS Mavrogianni Clinical findings and treatment of genital myositis in ewes and rams in Greece IA Fragkou		Sheep/goats Internal and external biosecurity threats to South African small ruminants Rhoda Leask Administration of long-acting moxidectin to pre-pubertal ewe-lambs results in earlier reproductive activity and improved reproductive performance VS Mavrogianni	Sheep/goats Analysis of membrane phosphatidylserine of ram spermatozoa after capacitation, UV-illumination and cryopreservation by anti-PS antibody and annexin V Iordan Petkov		
	Epidemiology Venue: 1.44	PLENARY SESSION Peter Ardington	OPENING AND WELCOMING TO SASVEPM Peter Geertsma The development of an outbreak of canid rabies in south western Gauteng Province, South Africa Peter Geertsma	A practical case study of the epidemiology, control and eradication of porcine reproductive and respiratory syndrome in South Africa (Apr 2004 – Nov 2005) Gary Buhrmann		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Surveillance Essentials Angus Cameron	Surveillance Essentials Angus Cameron		An epidemiological investigation of a Rift Valley Fever outbreak in alpacas in the Western Cape Province, South Africa John Grewar A retrospective analysis of the epidemiology of Rift Valley Fever in South Africa Hannes Pienaar	Canine ecology in rabies endemic KwaZulu-Natal Province: community surveys Melinda Hergert	SAVEPM AGM	SAVEPM AGM

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PRODUCTION ANIMALS AND WILDLIFE	Integrated Livestock and Wildlife Health and Management Venue: Roof terrace	PLENARY SESSION Peter Ardington One Health One Health in zoonosis outbreaks in South Africa – A medical perspective Lucille Blumberg The FAO corporate One Health Strategy Scott Newman	One Health One Health approach to the prevention and control of emerging viral diseases in Africa Oyewale Tomori WCS South Sudan – One Health in action – using One Health tools to foster sustainable land-use, livelihoods, conservation and development in southern Sudan Michael Kock		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		One Health Towards internationalizing One Health in Kenya Kariuki Njenga One Health and Great Limpopo Transfrontier Conservation Area (GLTFCA): progress, problems and prospects Michael Kock	One Health One Health Training Programme: OIE Collaborating Centre for training in integrated livestock and wildlife health and management Koos Coetzer The Mnisi Community Programme: One Health in action through training and research at the wildlife/livestock/human interface, Bushbuckridge, South Africa Jacques v Rooyen		Training Research platform “production and conservation in partnership”: promoting collaborative applied research and postgraduate training to study wild/domestic interfaces in southern Africa Michel de Garine-Wichatitsky Transdisciplinary education for One Health, is it feasible? Ayona Silva-Fletcher	Training One Health capacity building in Africa Hiver Boussini The Health for animals and Livelihood improvement (HALI) Project – Investigating One Health in Tanzania HALI Team (Liz v Wormer)	Training Postgraduate veterinary education: a cornerstone of international cooperation Robert Paling Developments in the Veterinary Education curriculum: Introducing the “One Health” concept in the curriculum Frans v Knapen	Training SACIDS training platform and opportunities Philemon Wambura Working towards an association of veterinary education establishments in southern and eastern Africa Gerry Swan An integrated formal teaching strategy linking veterinary students to emerging farmers in Rust de Winter Nenene Qekwana
		PLENARY SESSION Peter Ardington Ecosystem Health <i>Toxoplasma gondii</i> at the human-animal-environment interface: exploring the connection between land and sea Liz v Wormer Setting the scene – perceptions on wildlife production in southern Africa Koos Bothma	Ecosystem Health Toxicity of Diclofenac to <i>Gyps</i> vultures: South African response to Asian crisis Gerry Swan Vultures at risk: The story of Diclofenac, Meloxicam and Ketoprofen Vinny Naidoo Wildlife as sentinels of Ecosystem Health Judit Smits	OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Ecosystem Health The Olifants River: Has improvements in flow been met with improvement in River Health? Danny Govender Living downstream – consequences of abusing a major river in South Africa like the Olifants Jan Myburgh		Ecosystem Health Fat necrosis in fish: relevance of hydrodynamic change and pollution to the aquatic food chain in the Kruger National Park David Huchzermeyer Environmental pollution: the threat to fish and crocodiles Johan Steyl		Emerging Diseases Drivers of emerging and re-emerging diseases Gavin Thomson New methodology to prioritize zoonotic diseases derived from livestock Daniel Beltrán-Alcruado Understanding risk of disease emergence from an agro-ecological health perspective Scott Newman	Emerging Diseases The role of bats in harbouring and spreading of emerging and re-emerging zoonotic viruses Janusz Paweska Surveillance for White-nose Syndrome in bats in Ontario, Canada Douglas Campbell	Emerging Diseases Ecology of disease transmission in multi-host systems Alexandre Caron The global emergence of Bluetongue: A tangible impact of climate change? Jim MacLachlan	Emerging Diseases Considerations regarding detection of emerging health issues in wild avian populations Scott McBurney Emergence of Type E botulism in waterbirds on the lower Great Lakes Douglas Campbell
PRODUCTION ANIMALS AND WILDLIFE	Wildlife Venue: 1.62	PLENARY SESSION Peter Ardington Adverse reactions to opioids Leith Meyer Airlifting of large herbivores from inaccessible areas – a viable means of translocation Dave Cooper	An update on anaesthesia of hippopotamus Markus Hofmeyr An update on anaesthesia of lion Markus Hofmeyr		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		An update on rhino anaesthesia Douw Grobler Capture and confinement of the white rhinoceros: ACTH challenge to validate measurement of faecal glucocorticoid metabolites as an indicator of the stress response Marius Kruger	Conducting an autopsy on a rhino Johan Steyl Handrearing of rhino calves Jana Pretorius		Blood parasites of rhinos Banie Penzhorn Protein gene candidates for the molecular detection of <i>Theileria parva</i> in Cape buffalo from southern Africa Ronel Pienaar	Lead toxicity in vultures at the National Zoological Gardens, South Africa Vinny Naidoo <i>Taenia multiceps</i> outbreak in a sable breeding herd Malcolm Macfarlane	Management of equine sarcoids in free-ranging populations of endangered Cape mountain zebra David Zimmermann Elephant deterrents: can we change an elephants mind? Glynn Catton	

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PRODUCTION ANIMALS AND	OIE Venue: 1.6.3	PLENARY SESSION Peter Ardington			OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad			Introduction: Good governance Bernard Vallat Wildlife/livestock: Setting standards Alex Thiermann		Disease surveillance: free status recognition Gideon Brückner Training and role of OIE wildlife focal points Elisabeth Erlacher-Vindel	Wildlife involvement in transmission of zoonoses Roy Bengis Domestic/wildlife disease report WAHIS William Karesh	Impact of wildlife farming Herbert Schneider The OIE as a leader in One Health Brian Evans	Panel Discussion
	Small Animal Nutrition (Jill Cline) Venue: Audit. 2	Managing the senior patient: behaviour, diet, and disease screening	Nutrition and cognition: You can teach an old dog new tricks	Skinny old cats: What changes, what it means, how to feed them		3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Obesity as an endocrine disorder	Designing a weight-loss program that works with your clients		Practical implications of new insights into the unique feeding behaviour of cats	Myth-conceptions about diets: I read it on the internet	Everyday nutritional evaluation: Asking the right questions to know what clients really feed
SMALL ANIMAL	Small Animal Reproduction Venue: 2.4.2 & 2.4.3										Prediction of canine gestational length and parturition date Daniela Steckler	Parentage verification of the domestic dog Daniela Steckler	Post-partum pathological conditions of the mammary glands of bitches G Fthenakis
	Critical Care Venue: 1.6.4	Pathophysiology of sepsis Cynthia Otto	Diagnosis and management of sepsis in dogs Mirinda v Schoor	Markers of critical illness Cynthia Otto	OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Coagulation testing in critical illness Liesel vd Merwe	Acute lung injury and ARDS Cynthia Otto		Oxygen uptake and delivery Cynthia Otto	Enteral feeding devices in critical care Dave Miller	Feeding the critically ill small-animal patient Mirinda v Schoor	Where are we with glucose and insulin in the ICU? Ninette Keller
SMALL ANIMAL	Babesiosis and Infectious Disease Venue: 2.4.1	Epidemiology of South African babesiosis Tshepo Matjila Molecular detection of tick-borne parasites of dogs in Nigeria M Adamu	Why is southern African canine babesiosis so virulent Banie Penzhorn Detection of <i>Babesia rossi</i> genotypes using real-time PCR assay Petunia Malatji	Parasitaemias in canine babesiosis Marlies Böhm Biomarkers in babesiosis Liza Koster			Feline babesiosis Tanya Schoeman	Therapy of canine babesiosis Mirinda v Schoor		Renal/cardiac changes in canine babesiosis Remo Lobetti	Endocrine aspects of canine babesiosis Phil Rees	Rational use of antimicrobials Marlies Böhm	Feline systemic viral diagnostics – FIP, FeLV and FIV Marlies Böhm
	Dermatology (Lowell Ackerman) Venue: 2.4.2 & 2.4.3	Dermatologic testing that all veterinary hospitals should be performing	Algorithmic approach to diagnosing dermatologic disorders	Genetic testing and the dermatology patient				Diagnosing and managing the atopic patient	The food for thought – How to diagnose and manage adverse food reactions		Dermatology client: Turning frustration into commitment		

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Veterinary Nurses Venue: 2.4.4		Pre-anaesthetic patient evaluation: How can I contribute to a safer anaesthesia? Eva Rioja Garcia	Knowing why you are giving which premed Eva Rioja Garcia		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President		Ensuring that your equipment is clean and working Eva Rioja Garcia	What to look for in evaluating your patient on a daily basis Remo Lobetti		Urine marking in cats Freddie Hurly	Noise and thunderstorm phobia in dogs Freddie Hurly	Equine relaxation massage and stretchings Ansie vd Walt	Massage techniques in small animals Ansie vd Walt
Exotic Animals Venue: 2.4.5	Rabbit basics for clinicians Colette Wheler	Rodent basics for clinicians Colette Wheler	Diseases of guinea pigs and chinchillas Patricia Turner		2. One Health: An approach to global health challenges Dr Patricia Conrad		Diseases of hamsters Patricia Turner	Gastrointestinal diseases of rabbits Patricia Turner		Pain management of small-mammal pets Patricia Turner	Enhancing anaesthesia for small-mammal pets Colette Wheler	Nutritional disorders in primates Dorianne Elliot	Skin disorders in reptiles Francois le Grange
Aquatic Veterinary Medicine (General) Venue: 2.4.6		Fish leukocytes: rapid staining techniques in clinical practice D Palić	Function & role of neutrophilic granulocytes in fish D Palić		3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Emergence of novel fish pathogenic flavobacteriosis in the US Great Lakes M Faisal & TP Loch	Assessing zoonotic potential of aquatic animal diseases CI Walster		Immobilizing agents for marine fish relocation or surgery Mark Penning	Aquatic veterinary education & "day-one" competency David Scarfe	Epizootic ulcerative syndrome: Africa's aquatic ecosystem exotic disease threat David Huchzermeyer	
Technologists Venue: 2.6.1	Determination of acceptable levels of haemolysis when accepting blood samples for trace-mineral analysis Bronwyn Cloete	Phylogenetic characterization of <i>Babesia</i> spp. in felids in southern Africa Anna-Mari Bosman Optimizing of exciting ELISA test kits in a laboratory Liria v Wijk	Molecular identification of <i>Echinococcus</i> isolates from South Africa Carin Boshoff <i>Babesia lengau</i> sp. nov., a novel <i>Babesia</i> species in cheetah Anna-Mari Bosman		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Establishment of <i>Babesia gibsoni</i> antigen slides and control sera for the indirect fluorescent antibody test Ronel Pienaar Testing for piroplasms – how this affects the equine industry Ronel Pienaar	Computer Assisted Semen Analysis (CASA) of frozen semen vs. subjective semen analysis Henk vd Laarse		Isolation of <i>Bacillus anthracis</i> from animal remains, droppings soil and water At Dekker	Seasonal distribution of <i>Culicoides</i> (Diptera: Ceratopogonidae) at the Onderstepoort Veterinary Institute Karien Labuschagne <i>Trichomonas foetus</i> : Possible reasons for the dramatic increase in Southern Africa Henk vd Laarse	Epidemiology evaluation of an anthrax outbreak at Pafuri, November 2009 to March 2010 At Dekker Light trapping of <i>Culicoides</i> (Diptera: Ceratopogonidae) biting midges Karien Labuschagne	AGM
Animal Welfare & Community Veterinary Science Venue: 2.6.2		Animal welfare and animal cruelty – considerations for the small animal practitioner Lila Miller	What happens when the human-animal bond breaks? The roll of the veterinarian in handling animal abuse Lila Miller		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		The current global status of veterinary education Jim Edwards	Global teaching and research in animal welfare Adroaldo Zanella		Community engagement in the veterinary curriculum in South Africa Quixi Sonntag	Feral cat management Dave Kenyon		

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WORLD VETERINARY DENTAL CONGRESS	Small Animals and nurses Venue: 2.6.3		Plenary Marius Bredell (Switzerland)		OPENING CEREMONY 1. Welcome Dr Tjeerd Jorna WVA President 2. One Health: An approach to global health challenges Dr Patricia Conrad 3. South Africa: the Cradle of Humankind Prof Francis Thackeray		Veterinary dental introduction – Clinical disease Steve Holmstrom	Periodontal disease and professional periodontal therapy Steve Holmstrom		Equipping the dental operatory Steve Holmstrom	Digital dental radiology Steve Holmstrom	Intraoral radiographic interpretation Steve Holmstrom	
	Wildlife/ Research Venue: 2.6.4		Plenary Marius Bredell (Switzerland)				Periodontal scoring in dogs and Cats Colin Harvey	Behavioural changes in cats treated for idiopathic tooth resorption Eva Lundell		Looking for tooth resorption in the Swedish Eurasian lynx Anna Petterson	Avian and reptile dentistry Peter Emily	How to deal with lagaomorphs and rodents dental abscesses Loic Legendre	
	Equines Venue: 2.6.5		Plenary Marius Bredell (Switzerland)				Review of equine developmental dental disease Paddy Dixon	Aetiopathogenesis, clinical features and management of idiopathic cheek teeth fractures Paddy Dixon		A review of imaging techniques of the equine Temporomandibular joint Ann Carstens	Mandibular Fracture repair Denis Verwilgen	Computed tomography in equine dentistry Ann Carstens	
BEHAVIOUR International Veterinary Behaviour Congress Venue: 1.4.3	To be announced	To be announced	To be announced				To be announced	To be announced		To be announced	To be announced	To be announced	To be announced

Wednesday 12th October

Session	07.40 – 08.25	08.30 – 09.10	09.15 – 09.55	10.00 Tea	10.30 – 11.10	11.15 – 11.55	12.00 Lunch	13:30-14:10	14:15-14:55	15.00 Tea	15.30 – 16.10	16.15 – 16.55	17.00 – 17.40	17.45 – 18.30
PRODUCTION ANIMALS & WILDLIFE	Live-stock Health and Production Venue: 1.4.3	Bovine Relationships between tick counts and coat characteristics in Nguni and Bonsmara cattle reared on semi-arid rangelands in South Africa Munyaradzi Marufu	Bovine Dynamics of questing ticks on pastures and adult ticks on cattle at the Döhne complex in the Eastern Cape Province, South Africa N Nyangiwe Pathogen interactions: The effect on the haematological profile of East African Shorthorn Zebu calves Ilana Conradie van Wyk	Bovine Biosecurity in the SADC sub-region: hurdles in the successful control of bovine brucellosis Willem Schultheiss	Bovine Retrospective Leptospirosis serosurvey among bovine and porcine in South Africa Evelyn Madoroba	Bovine Biosecurity for improved trade: an update on anaplasmosis diagnostics and containment Hans Coetzee The role of Bovine Viral Diarrhoea (BVD) in South African feedlots Leon Prozesky		Bovine Primary animal health care (PAHC) Rebone Moerane Biosecurity development plan for extensive livestock production units in South Africa Danie Odendaal	Bovine Tulathromycin (Draxxin) promotes the resolution of inflammation in bovine respiratory disease: neutrophil apoptosis and direct immunomodulation Carrie Fischer The use of sound recordings in clinical practice and veterinary undergraduate teaching Philip Scott		Bovine Determination of the role of hard ticks (Ixodidae) in the transmission of lumpy skin disease Eeva Tuppurainen Seminal transmission of lumpy skin disease Dietmar Holm	Bovine Biosecurity in beef cow-calf systems: an update on trichomonosis and campylobacteriosis diagnostics Pete Irons Assessment of renal damage, ultrasonography, peritoneal dialysis and haematobiochemical studies in young calves with obstructive urolithiasis DM Makhdoomi		

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Integrated Live-stock and Wildlife Health and Management Venue: 1.6.2 Venue: 1.6.3 PRODUCTION ANIMALS & WILDLIFE	Wildlife Management of natural mating by estrus synchronization technique in <i>Cervus elaphus</i> refuge in north of Iran Behrang Ekrami Spread of zoonotic bacteria by wild birds (<i>Larus brunnecephalus</i>): antibiotic resistance and ESBL (Extended Spectrum Beta-Lactamase) in coastal areas of Bangladesh Badrul Hasan	Wildlife Development of Transfrontier Conservation Areas in the SADC: opportunities and threats to food production, safety and security John Hanks Scientific task force on wildlife diseases and FAO's role in multilateral environmental agreements Scott Newman	Wildlife Diseases, development and biodiversity: case studies from Eastern Africa Sarah Cleaveland Current veterinary management challenges in the GLTFCA with recent disease updates and priority objectives set by the GLTP Veterinary Committee Markus Hofmeyr		Wildlife Fencing impacts: a review of the pros and cons of veterinary and game fencing with regard to conservation in southern Africa Ken Ferguson Prevalence of diseases at different wild-life/livestock interfaces in the GLTCA Michel de Garine-Wichatitsky	Wildlife Lessons learned from the shrinking world – Interface diseases between domestic animals and wildlife Michele Miller Domestic-Wild-life Interface Diseases: what is the true cost to wildlife populations? Danny Govender		Wildlife Mapungubwe NP – challenges of creating a TFP within a differing cultural and land-use option Richard Burroughs Land-use paradigms, wildlife and livestock: Policy options for biodiversity, livelihoods and transboundary disease management in Southern Africa Mark Atkinson	Wildlife A National Wildlife Health Surveillance Programme: The Canadian example Scott McBurney OIE standards on integrated livestock and wildlife health: does the hand fit the glove? Neo Mapitse		Wildlife Zoonotic diseases at the animal/human interface in the Arctic Jacques Godfroid Market and trade activity of cattle in communal farming areas within FMD control zones at the wildlife/livestock interface of two major TFCAs in southern Africa Jacques v Rooyen	Wildlife Wildlife-human-livestock interface – predators and problem animals Petronella Chaminuka <i>Mycobacterium avium</i> complex isolated from black wildebeest in South Africa 2009-2010 Prudence Kabongo-Kayoka	Canine distemper in free-ranging lions Dave Zimmermann Feline immunodeficiency virus in African lions: clinical, immunological and coinfection patterns Danny Govender	
	Zoonoses FAO and Veterinary Public Health Patric Otto Vets and medical doctors working together to prevent the rise of <i>C. difficile</i> infections; the One Health concept in practice Liny Keessen	Zoonoses Q fever in humans and animals in rural western Kenya Darryn Knobel The burden and diagnostic challenges of neglected zoonotic diseases of bacterial origin in sub-Saharan Africa from a vet perspective Akin Jenkins	Zoonoses Using wildlife as disease sentinels for livestock, other domestic species and humans – lessons learned from detection of West Nile virus in US Michele Miller Integration of surveillance for wild bird mortality into the Canadian public health response to West Nile virus Douglas Campbell	Zoonoses How to control neglected zoonoses in the absence of accurate recognition by the community, the medical doctor and the veterinarian Tanguy Marcotty A systematic review of zoonoses at the interface of livestock and wildlife Delia Grace		Zoonoses Cats, rats and kids: preliminary results from a zoonotic enteric disease study in young children in western Kenya Darryn Knobel A framework for understanding zoonoses at the livestock-human interface in western Kenya Eric Fevre	TB/Brucellosis Spread of BTB in KNP and implication for the GLTP Peter Buss Bovine tuberculosis: diagnostic challenges in wildlife and livestock Vic Rutten		TB/Brucellosis Bovine TB as a role player in food safety: what and where are the risks? Anita Michel Tuberculosis epidemiology and novel transmission routes in rural Tanzania Annette Roug	TB/Brucellosis Brucellosis at the animal/environment/human interface in sub-Saharan Africa Jacques Godfroid Progress in TB vaccine development for humans and animals Paul v Helden	TB/Brucellosis Diagnosis of bovine tuberculosis in lions: present and future Miriam Maas Bovine tuberculosis and brucellosis in humans at a wildlife/domestic/animal/human interface in Zimbabwe Eric Etter	TB/Brucellosis Investigating infectious diseases at the wildlife livestock interface of two protected areas of Botswana: Okavango Delta and Chobe National Park Ferran Jori Management of TB (<i>M. bovis</i> infection) in wild badgers (<i>Meles meles</i>) presented for rehabilitation in the UK Elizabeth Mullineaux	TB/Brucellosis Immuno-tolerance identification in bovine progeny infected with <i>Brucella abortus</i> DI Martinez-Herrera Urbanisation and rodent-borne zoonoses risk Jo Halliday	

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PRODUCTION ANIMALS & WILDLIFE	Epidemiology Venue: 1.4.4	Prevalence and associated risk factors of <i>Eimeria</i> in sheep of Punjab, Pakistan T Rehman ELISA & PCR based detection and molecular characterization of foot-and-mouth disease virus from outbreaks occurring during 2005-2008 in Pakistan U Waheed	Epidemiological intricacies of the 2009 / 2010 anthrax outbreaks in the Kruger National Park Roy Bengis	Introducing an easy-to-use tool kit for disease risk assessment in endangered species Claudia Schoene Seroprevalence and risk factors associated with <i>Neospora caninum</i> in goats in municipalities from the center zone of Veracruz DI Martinez Herrera		Risk-based Surveillance Angus Cameron	Risk-based Surveillance Angus Cameron		Passive disease reporting systems Angus Cameron	Creative solutions to surveillance problems Angus Cameron		Use of Rb51 vaccine on small ruminants brucellosis prevention José Morales Economic analysis of efficacy and efficiency of Rb51 <i>Brucella abortus</i> strain used in herds naturally infected with brucellosis in Mexican tropics José Morales	Epidemiology of RVF in a temperate and mountainous area of Madagascar Veronique Chevallier The epidemiology of lion lentivirus infection among a population of free ranging lions (<i>Panthera leo</i>) in the Kruger National Park, South Africa Hayle Adams	Serological and virological study of Newcastle disease in backyard poultry production in Ethiopia Hassan Chende A study of various infectious causes of reproductive disorders in cattle owned by emerging, resource-poor farmers in Gauteng Province Awoke Kidanemariam	
	Food Safety and Public Health Venue: 2.4.1		A quality assurance model on internal food safety training for South African poultry abattoirs Reuben Govender Innovative approach to food safety and capacity building for poultry industry – Mozambique A Cambaza	The food security veterinarian: traits of a rare species Pete Irons Misdistribution of veterinary professionals – a global challenge Tembile Songabe		Infectious diseases and trade: risks, realities, and solutions Mary-Louise Penrith Laboratory Information Management System (LIMS): an example of international cooperation Namibia Rossella Lelli	Melamine transfer from feed to animal products C Cruywagen		Experience in use of community health education to alter small-scale dairy farmer's perceptions of brucellosis and their management methods Pamela Woods <i>Brucella melitensis</i> infection in a goat flock in Gauteng, South Africa Adri Grobler	In the beginning – health control of game animals and its impacts on veterinary public health JL Bekker Food safety and food security aspects of wild game meat harvesting S Ramrajh		Research trends on human neuro-cysticercosis and livestock cysticercosis Tembile Songabe <i>Taenia solium</i> cysticercosis in Western Kenya: a food chain risk assessment L Doble	Local assessment of <i>Trichinella</i> in walrus: a community-based program in food safety in Nunavik, Canada Stéphane Lair Determination of baseline carcass surface total viable bacterial counts at abattoirs in Gauteng province, South Africa Charles Katsande	Food safety management systems implementation in primary production in the EU Apostolos Rantsios Veterinary profession – in a modern world G Micule	

Session	07.40 – 08.25	08.30 – 09.10	09.15 – 09.55	10.00 Tea	10.30 – 11.10	11.15 – 11.55	12.00 Lunch	13:30-14:10	14:15-14:55	15.00 Tea	15.30 – 16.10	16.15 – 16.55	17.00 – 17.40	17.45 – 18.30		
SMALL ANIMAL	Small Animal Medicine Venue: Audit. 2	Approach to the vomiting patient Mirinda v Schoor	Approach to PuPd in the dog Martin De Scally	Diagnosing and treating feline bronchial disease Mirinda v Schoor		When do you panic about the patient's result? Fred Reyers	The highs and lows of calcium Alain Carter		Managing complications in canine valvular disease Martin De Scally	Emerging feline endocrinopathies in South Africa Marlies Böhm		Tracheal collapse in dogs Marlies Böhm	Blood pressure: why bother checking? Marlies Böhm	Pulmonary hypertension in patients with respiratory distress Liza Koster	The role of ultrasonography in diagnosing migrating sosatie sticks Nerissa Stander	
	Small Animal Surgery Venue: Roof Terrace	Complexities of stifle stability in canine cranial cruciate disease Nic Lambrechts	Management of cartilage defects in dogs and cats Nic Lambrechts	Physical assessment of the traumatized patient Abimbola Oshin		Novel implants for internal fracture fixation Abimbola Oshin	Spinal cord decompressive procedures Abimbola Oshin		Coxofemoral denervation for palliative treatment of pain in hip dysplastic dogs Nic Lambrechts	Preliminary evaluation of the Biomedtrix and Helica cementless total hip replacement systems in dogs Louis Coetzee		Role of physical rehabilitation in small animal surgery Abimbola Oshin	Minimally invasive surgical alternatives Abimbola Oshin	Ophthalmic surgery for the general practitioner Anthony Goodhead	Laparoscopic sterilisation of the African lion Marthinus Hartman	
	Spirocerosis Venue: 2.4.2	Epidemiology and signalment Liesel vd Merwe	The Israeli perspective Eran Lavy	The host – scarab beetle Cornel du Toit		Diagnostic imaging of spirocerosis Robert Kirberger	Faecal analysis Jevan Christie Endoscopy and biopsy Liesel vd Merwe		Aberrant migrations Eran Lavy	Benign vs. malignant lesions Vari Mukorera		Treatment of uncomplicated cases Eran Lavy	Treatment of neoplastic cases – neoplastic Liesel vd Merwe	Pathological changes with nodule progression Eran Dvir	Neoplastic transformation – new research Eran Dvir	
	Anaesthesia Venue: 1.6.1	Do alpha-2 agonists have a role? Kenneth Joubert	The role of pre-anaesthetic testing Fred Reyers	Total intravenous anaesthesia with propofol-fentanyl and propofol-midazolam combinations in spontaneously breathing goats Brighton Dziki Effects of midazolam and fentanyl on isoflurane minimum alveolar concentration and cardiovascular function in mechanically ventilated goats Brighton Dziki		Constant rate infusions in anaesthesia: why, what and how? Eva Rioja Garcia	Do multiple procedures under a single anaesthetic increase morbidity and mortality? Kenneth Joubert		Peri-anaesthetic mortality: what can we do to prevent it? Eva Rioja Garcia							
	Trauma & Emergency Medicine Venue: 1.6.1									Focused abdominal ultrasound for the detection of abdominal injuries in trauma patients Rob Kirberger		Anaesthetic management of multiple trauma patients Kenneth Joubert	Practitioner's guide to severe life-threatening abdominal trauma Ross Elliot	Practitioner's guide to severe life-threatening cranial trauma Ross Elliot	Practitioner's guide to severe life-threatening thoracic trauma Ross Elliot	
	Veterinary Nurses Venue: 2.4.4	The critically ill patient – going back to basics Part I Tania Serfontein	The critically ill patient – going back to basics Part II Tania Serfontein	Help! I am only 1 person – how to triage in emergencies Tania Serfontein		Feline hyperthyroidism – Watch out! Tanya Schoeman	Nursing your diabetic patient and owner Tanya Schoeman		Canine parvovirus Mandy Albertyn	Bio-security and the role you can play Linda Muller		Behaviour in geriatric pets Freddie Hurly	What the veterinary nurse needs to know about DNA testing Mandy Albertyn	Hereditary diseases in small animals Mandy Albertyn		

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Complementary Veterinary Medicine Venue: 2.4.3	Pathogenesis and recovery Part 1 Richard Palmquist	Pathogenesis and recovery Part 2 Richard Palmquist	Strategies in biological therapy Richard Palmquist		Inflammation: the silent enemy within Patrick Bouic	Homeopathy as replacement to antibiotics in the case of <i>E. coli</i> diarrhoea in piglets Liesbeth Ellinger		Comparative evidence in homotoxicology Richard Palmquist	Veterinary chiropractic: A complementary therapy for musculoskeletal problems Karen Behrens		Acupuncture, homeopathy, hydrotherapy – is there a place for complementary therapies in IVDD Tanya Grantham	Swimming or underwater treadmill – what's the difference? Megan Kelly		
Practice Management Venue: 1.4.1	Accountability – We're all in this together Lowell Ackerman	Strategic planning for hospital success Lowell Ackerman	Hospital team-based customer service Lowell Ackerman		Guide to better client communication Lowell Ackerman	Veterinary practice strategies during troubled economic times Lowell Ackerman		Promoting practice protocols Lowell Ackerman	The steps to increased practice profitability Lowell Ackerman		Getting clients to say "Yes" to recommended services Lowell Ackerman	Professionalism and prosperity – strongly linked or mutually exclusive? Riaan du Preez		
Avian Medicine and Surgery Venue: 2.4.5	Common diseases of raptors Neil Forbes	Avian zoonotic diseases Francois le Grange	Common parasitic diseases of birds Neil Forbes		Orthopaedic conditions of birds Neil Forbes	Neoplasia of birds Neil Forbes								
Military Veterinary Science Venue: 2.4.5								Veterinary support in multinational operations: a continuous challenge Miguel Stevens	Age determination in dogs: radiographic evaluation of the maxillary canine teeth Aniek De Smet		Identification and management of antimicrobial resistant pathogens in working dog populations Bess Pierce			
Equines Venue: 1.6.4		Interstitial brachytherapy for equine tumours Montague Saulez	Local regional antimicrobial therapy in horses: Does it work? Luis Rubio Martinez		Diagnostic and therapeutic approach to diarrhoea in horses Adrienne Viljoen	Guttural pouch mycosis from diagnosis to treatment Olivier Lepage		Are bone markers alone a useful tool to follow treatment or exercise regimens in horses? Olivier Lepage	Subchondral bone disease in racing Thoroughbreds: Does structure correlate with pathology? Luis Rubio Martinez		Critical review of the clinical use of bisphosphonate in horses Olivier Lepage	Biosurgery in equids – is it just a fad? Olivier Lepage	From stimulation to virtual reality environments: an example of integration into a traditional equine surgery education program Olivier Lepage	
History								The importance of veterinary history BV Jones	Zoonoses of Africa Robert Swanepoel		Dr Jotello Soga: South Africa's first veterinarian Jesse Lewis History of veterinary field services in South Africa Gideon Brückner	The history of veterinary medicine in Namibia Herbert Schneider History of the South African Veterinary Association Colin Cameron	Historic highlights of involvement of the veterinary profession with wildlife in southern Africa: With special reference to the Kruger National Park Roy Bengis Animal feeding in ancient Egypt A Saber	The history of foot and mouth disease (FMD): An African perspective Gavin Thomson Now Rinderpest is really history Stefan Vogel

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Aquatic Veterinary Epidemiology & Biosecurity for Vets Venue: 2.4.6		Practical epidemiology for the practicing aquatic veterinarian CI Walster	Translating a biosecurity plan into practice CI Walster		Koi herpes virus: biosecurity & surveillance for disease-free fish David Huchzermeyer	Veterinary & farm record keeping CI Walster		Biosecurity audits in NL aquaculture: compliance & implementation Nicole O'Brien	Model animal movement & biosecurity certificates of veterinary inspection David Scarfe		Advanced quantitative epidemiology for aquaculture biosecurity CI Walster A Cameron			
Animal Welfare & Community Veterinary Science Venue: 2.6.2	Compulsory Community Service for veterinary graduates Tendile Songabe Community Veterinary Clinics of the SAVA Dave Kenyon	The practice of veterinary medicine in animal shelters Lila Miller	Controlling disease transmission in animal shelters Lila Miller		Guidelines for the care of animals in shelters Lila Miller	The adjudication of animal-welfare issues by ethical analysis John Austin		Veterinary perspectives of large-animal welfare in New Zealand Jim Edwards	Welfare issues in the pig industry in a First World/ Third World country Jim Robinson		Implementing total quality control systems in the poultry industry and its role in animal welfare and food safety Mike Odendaal	Global perspective of animal welfare related to increased food production Jim Edwards	Disaster management David Wilkens	
Small Animals Venue: 2.6.3		Common oral and maxillofacial pathology in cats and dogs I Alex Reiter	Common oral and maxillofacial pathology in cats and dogs II Alex Reiter		Interpretation of CT in the oral and maxillofacial patient Alex Reiter	Disease of the TMJ and masticatory muscles Alex Reiter		Simple mucogingival and periodontal surgery in the dog and cat Alex Reiter	Advanced mucogingival and periodontal surgery in the dog and cat Alex Reiter		Exodontia Steve Holmstrom	Complicated extractions Loic Legendre	Use of antibiotics in management of patients with oral diseases Colin Harvey	
Wild-life/Research Venue: 2.4.3		Bacteria profile and antibiogram of the bacteria isolated from the exposed pulp of the canine teeth of cheetahs Jose Ruiz	The dental cost of habitat transformation Adrian Tordiffe		Veterinary dentistry on marine mammals Steve Holmstrom	Dental treatment of 4 California sea lion in an indoor show facility in Canada Loic Legendre		Comparative exotic endodontics Peter Emily	Pulposcopy in veterinary dentistry Gerhard Steenkamp		Dog bite mark analysis: A multidisciplinary approach Zephné Bernitz	The incidence of mandibular fractures in dogs- a South African Perspective Adriaan Kitshoff	Minimally invasive mandibular fracture repair techniques Adriaan Kitshoff	
Equines Venue: 2.6.5											Dental disease in donkeys 1 Nicole du Toit	A review of equine cheek teeth apical infections Paddy Dixon	Dental disease in donkeys 2 Nicole du Toit	
Nurses Venue: 2.6.4		Overview of vet tech's role Gary Goldstein	Bettering owner compliance Gary Goldstein		Examination and charting Marsha Goldstein	Dental radiography Michelle Cruywagen		Nursing the maxillofacial patient Tammy Fisher	Pearls of wisdom Gary Goldstein		Understanding periodontitis Gary Goldstein	Maintenance of dental equipment and instruments Heidi van Eck		
International Veterinary Behaviour Congress Venue: 2.6.1	Evaluating the treatment of canine anxiety disorders including compulsive disorders with the adjunctive agent Trazodone Kersti Seksel	Evaluating the treatment of canine anxiety disorders including compulsive disorders with the adjunctive agent Trazodone Kersti Seksel	Personality and behaviour problems in dogs Jacqui Ley		Positive reinforcement: A case study in an adult teaching bull Elize van Vollenhoven	Novel technology for the remote monitoring of patients JD Edwards		Reach the animal – teach the human Quixi Sonntag	Training the trainers – getting the right advice to dog owners Gaile Perry		Prevalence of Puppy Preschool® in Australian veterinary practices D Wormald	Prevalence of Puppy Preschool® in Australian veterinary practices D Wormald	Goldmines and puppy pre-school AJ O'Shea	Excessive mouthing in puppies as a predictor of aggressiveness in adult dogs Martin Godbout

Thursday 13th October

Session	07:40 – 08:25	08:30 – 09:10	09:15 – 09:55	10.00 Tea	10.30 – 11.10	11.15 – 11.55	12.00 Lunch	13:30 – 14:10	14:15 – 14:55	15.00 Tea	15.30 – 16.55
PRODUCTION ANIMALS AND WILDLIFE	Livestock Health and Production (Theme: Pain and welfare management in production animal practice) Venue: 1.4.3	Welfare issues around castration methods in calves: the American perspective Hans Coetzee	Welfare issues around hot iron branding in South African feedlot cattle Koba Grobler		Pain assessment and measurement in cattle (1) Hans Coetzee	Pain assessment and measurement in cattle (2) Hans Coetzee		New methods of pain management in cattle: NSAIDs, gabapentin, chemical restraint and opioids Hans Coetzee	Pain management for improved production Hans Coetzee		Closing ceremony programme Welcome and Opening Dr F. Kechrid, Vice-President WVA Summary Vet – 2011 activities around the globe Dr J-F. Chary, President of the Coordination Committee of Vet - 2011 Intermezzo Vet - 2011: Veterinary Services a global public good – Dr B. Vallat, Director General OIE, President Vet-2011 Statement (on behalf of) Mrs Dr M. Chan Director – General WHO
	Epidemiology Venue: 1.4.4	Field detection of resistance to isometamidium chloride and diminazene aceturate in <i>trypanosoma vivax</i> from the Boucle Du Mouhoun region in Burkina Faso A Sow Fifty years of research and fight against tsetse flies and animal trypanosomosis in Burkina Faso – An overview A Sow				Surveillance trouble-shooting session Angus Cameron			Surveillance trouble-shooting session Angus Cameron		
PRODUCTION ANIMALS AND WILDLIFE	Integrated Livestock and Wildlife Health and Management Venue: 1.4.1	Rabies FAO's role in rabies control Patrick Otto World Rabies Day and enhancing rabies control K De Balogh J Zingesser	Rabies Human rabies in South Africa with special focus on recent outbreaks Jackie Weyer Enhanced surveillance of raccoon rabies in the province of Québec, Canada Stéphane Lair		Rabies Mobile technology and its application to rabies surveillance Zack Mtema Modelling interventions for rabies elimination in developing countries Sunny Townsend	Rabies Rabies control in wildlife in the SV Orpen area Bjorn Reininghaus Factors associated with rabies vaccine-induced herd immunity under field conditions Michelle Morders		Rift Valley Fever Improved diagnostic tools for the diagnosis of RVF and its use in epidemiological studies in Mozambique José Fafetine	Rift Valley Fever Pathogenesis in a mouse model – host gene expression in liver of mice immunized with a recombinant nucleocapsid protein Petrus J v Vuren Molecular epidemiology of RVF: a global perspective over the past 67 years Antoinette Grobbelaar		Statement (on behalf of) Dr Jacques Diouf Director – General FAO Vet - 2011: working together to One Health Round table chaired by Dr D. Landals, Vice-President WVA WMA, CIWF, IFAP, WSPA, Wildlife organisation, schools..... etc. Presentation World Veterinary Day Award by Dr Tj. Jorna , President WVA Intermezzo <i>continued on next page</i>
	Venue: 1.4.2	Avian Influenza An ecohealth perspective on avian influenza risk management in South East Asia Dirk Pfeiffer Understand HPAI disease dynamics across sectors- and ecovirology approach Scott Newman	Avian Influenza Avian Influenza surveillance and research in Canada Jane Parmley Risk of diffusion of a highly pathogenic avian influenza virus between wild and domestic avian compartments through wild birds in Zimbabwe Alexandre Caron	Avian Influenza Newcastle Disease and Avian Cholera in Double-crested Cormorants in Canada Ted Leighton Exploring the relation between avian communities and AIV ecology in Southern Africa using the epidemiological functional group concept Alexandre Caron		Avian Influenza Breeding seasonality of wild duck species and implications for avian influenza epidemiology – Zimbabwean case study Josephine Mundava	Avian Influenza Molecular characterization of neuraminidase gene of H ₅ N ₁ subtype of avian influenza viruses isolated from commercial broiler chicken in Iran during 1998-2007 S Vatandour		West Nile Virus Development and evaluation of a new epitope-blocking ELISA for the universal detection of antibodies to West Nile virus Alison Lubisi		

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SMALL ANIMALS	Neurology Venue: 1.6.2	Vision in animals Anthony Goodhead	Neuro-anatomic localization Rebecca Packer	Forebrain disease Rebecca Packer	Management of head trauma Rebecca Packer	Management of seizures Rebecca Packer		Inflammatory encephalopathies Alain Carter	Syringomyelia in CKCS and the incidence in South Africa Alain Carter		Closing ceremony programme <i>continued from previous page</i> Vet - 2011 and the future Contributions from young vets and veterinary students from around the world chaired by Prof G.E. Swan, (tbc) dean of the Faculty of Veterinary Science in Onderstepoort (SA) Closing of Vet – 2011 by Dr Tj. Jorna President WVA
	Surgery (Dan Smeak) Venue: Roof terrace	GI surgery: principles, techniques	Quick and easy incisional gastropexy technique	Performing splenectomy solo	Active wound drainage	Surgical management of biliary disease					
	Analgesia Venue: 1.6.3				Anaesthesia for the cancer patient Eva Rioja Garcia	Constant rate infusions for pain control Dave Miller		Chronic pain management – When conventional therapy fails Kenneth Joubert	Does pre-emptive analgesia work? Brighton Dzikiti		
	Oncology Venue: 1.6.4	Canine lymphoma Orna Kristal	Feline lymphoma Orna Kristal	Canine mast cell tumours Orna Kristal	Osteosarcoma Orna Kristal	Haemangiosarcoma Orna Kristal		Canine and feline soft tissue sarcomas Orna Kristal	Solar-induced squamous-cell carcinoma Georgina Crewe		
	Trauma & Emergency Medicine Venue: 1.6.3	Blood transfusions Liesel vd Merwe	Household toxins Ninette Keller	Snake bite in Australia Ninette Keller Update on snakebite coagulopathy Salome Nagel							
Veterinary Nurses Venue: 2.4.4	How to recognize if a bird is sick Simone de la Porte	What to monitor in hospitalised birds Simone de la Porte	Rabies: A national emergency and the role of the veterinary nurse Lucy Dobree-Bell		A day in the life of a welfare nurse – making a difference on a daily basis Cindy Price	Innovations in assessment practices of veterinary nursing students Ester Botha					
Complementary Veterinary Medicine Venue: 2.4.1	Modified hospice: biological therapy in difficult cases Part 1 Richard Palmquist	Modified hospice: biological therapy in difficult cases Part 2 Richard Palmquist	Modified hospice: biological therapy in difficult cases Part 3 Richard Palmquist		The potential of ethnoveterinary medicine in animal production. Experiences from the Eastern Cape Patrick Masika	Managing FELV and FIV positive cats with homotoxicology Richard Palmquist					
Avian Medicine and Surgery Venue: 2.4.2	Behavioural problems in pet parrots Neil Horner-Forbes	Treating bumblefoot in birds of prey Neil Horner-Forbes	The diagnostic approach to the sick parrot Neil Horner-Forbes		Dealing with the acute avian respiratory case Francois le Grange	Medical, nursing and nutritional support of sick avian patients Neil Horner-Forbes		Aetiology, diagnosis, and treatment of aspergillosis Dorianne Elliot	Diagnosing and managing proventricular dilation disease in parrots Dorianne Elliot		
History	The socio-political impact of sheep scab Anthonie Snijders History of Orbivirus research in South Africa Daan Verwoerd	The history of African and Classical Swine Fever in southern Africa Mary-Louise Penrith Lamsiekte – solving the aetiology riddle Rudolph Bigalke	History of veterinary toxicology in South Africa Christo Botha History of pharmaceutical industry in South Africa Glynn Catton		Early veterinary institutes in South Africa (Part 1): Zuid-Afrikaansche Republiek: Daspoort and Onderstepoort Heloise Heyne Early veterinary institutes in South Africa (Part 2): Grahamstown and Allerton Stefan Vogel	Animal health in South Africa until the early 20th century Anthonie Snijders The impact of lung sickness in the eastern Cape Anthonie Snijders		The role of the Jotello F Soga library in the digital preservation of the history of veterinary science in South Africa Antoinette Laurens & Susan Marsh The history of veterinary nursing in South Africa Esther Botha	History of South African Veterinary Council Peter Ardington An overview of the history of veterinary education in South Africa Gareth Bath		

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Practical & Applied Aquatic Veterinary Biosecurity for Vets & Producers Venue: 1.6.1	Introductions Standardized approaches for aquaculture Defining epidemiological units Identifying, prioritizing, disease hazards Risk-analysis and disease impacts Identifying, evaluating & mitigating critical control points AD Scarfe, CI Walster, D Palic				On-farm clinical evaluation Diagnostic sampling, tests, interpretation & records Disease monitoring, surveillance & freedom Building contingency plans Biosecurity certification AD Scarfe, CI Walster, D Palic			Facilitated table-top exercises: Breakout teams develop biosecurity plans for aquaculture operations AD Scarfe, CI Walster, D Palic	Breakout Team Reports		Closing Ceremony
WORLD VETERINARY DENTAL CONGRESS	Small Animals Venue: 2.6.3	Invasive techniques of jaw fracture repair Alex Reiter	Comparative maxillofacial reconstruction I Alex Reiter		Comparative maxillofacial reconstruction II Alex Reiter	Palatal surgeries: A review Loic Legendre		Guttaflow®: Use of and various techniques in delivery methods Gary Goldstein	Introduction to veterinary prosthodontics: Crown repair Curt Coffman		Closing Ceremony
	Wildlife/Research Venue: 2.6.4	Prospective oral pathology prevalence study of 1000 dogs Gary Goldstein	Retrospective periodontitis study of over 57000 dogs Gary Goldstein		Nanoidroxiaphatite applications in dentistry Claudio Gallottini	Dental prostheses of French military dogs Thierry Lamour		Anaesthesia in mega herbivores, crucial for any successful dental procedure. Adrian Tordiffe	Hippopotamus – Vital pulpotomies Peter Emily		Closing Ceremony
	Equines Venue: 2.6.5	Equipping the equine dental operatory Cedric Tutt	Intra-oral dental radiography Ove Wattle		Equine peripheral and infundibular caries ? recent research findings Paddy Dixon	Endodontics – occlusal approach Ove Wattle		“Parrot jaw” repair Denis Verwilgen	Equine periodontal disease? is it all secondary to interproximal food pocketing? Paddy Dixon		Closing Ceremony
Military Veterinary Science Venue: 2.6.1											
BEHAVIOUR	International Veterinary Behaviour Congress Venue: 2.4.5 & 2.4.6	Urine marking in cats Frederique Hurly	Cats, kids and canines – family planning with children and pets Donné Roberts		Cattle as cultural markers in South Africa: A visual exploration Nicolene Swanepoel	Dairy cow behaviour as an indicator for good management Cheryl McCrindle		ABIG AGM	ABIG AGM		Closing Ceremony
	WVA Venue: Audit. 2		WVA Presidents Assembly Meeting	WVA Presidents Assembly Meeting	WVA Presidents Assembly Meeting	WVA Presidents Assembly Meeting		WVA Presidents Assembly Meeting	WVA Presidents Assembly Meeting		