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Advanced Course in Wildlife Chemical Immobilization and Field Practices

Hosted by the Department of Paraclinical Sciences, University of Pretoria in collaboration with SANPark's Veterinary Wildlife Services



BRIEF DESCRIPTION

The objective of this course is to enhance the knowledge and skills of veterinarians working in the field with wildlife. The course will be presented in the Kruger National Park over four intensive days where the delegates will gain experience, skills and knowledge through lectures, field practical sessions, discussions and problem based learning exercises. The course will be presented by academics and field practitioners who have a wealth of experience and knowledge in wildlife veterinary practice, medicine, pharmacology and research.

Topics that will be covered

- Advanced applied physiology related to immobilization
- Pharmacological principles needed for rational drug use in the field
- Advanced information on drugs used for immobilization and field practice
- How best to monitor immobilized and anaesthetized wildlife
- How best to manage complications during immobilization and capture
- How to immobilize and manage challenging species
- Practical sessions on field immobilization, animal management and monitoring
- What equipment is needed for best practice in the field
- Update on how to perform first aid in the field
- Update on local and international drug regulations

LEARNING OUTCOMES

- Improved knowledge related to the changes in the physiology of a chemically immobilized/ anaesthetized animal.
- Improved knowledge related to the drugs used to chemically immobilize/ anaesthetise wildlife and treat capture-related complications and medical cases.
- Improved skills required to monitor and manage chemically immobilized/ anaesthetized animals.
- Improved knowledge and skills for the chemical capture and management of specific and challenging wildlife species.
- Improved knowledge and skills related to first aid in the field and managing drug related accidents.



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Presenters

• **Leith Meyer (Course leader)**: Senior Lecturer in Pharmacology, Paraclinical Science, Faculty Veterinary

Science, University of Pretoria

· Richard Burroughs: Senior Lecturer and Director of the Centre for Veterinary Wildlife Studies,

Faculty Veterinary Science, University of Pretoria

• Peter Buss: Veterinary Senior Manager, Veterinary Wildlife Service Skukuza, SANParks and

Extraordinary Lecturer related to wildlife studies, Production Animal Studies, Faculty

Veterinary Science, University of Pretoria

Mike Kock: Senior Lecturer in Wildlife, Production Animal Studies, University of Pretoria, Faculty

Veterinary Science

Andre Lourens: Paramedic, Onderstepoort

• Markus Hofmeyr: General Manager Veterinary Wildlife Service, SANParks and Extraordinary Lecturer related

to wildlife pharmacology, Paraclinical Science, University of Pretoria, Faculty Veterinary

Science

Gerry Swan: Dean and former Professor Pharmacology, Faculty of Veterinary Science, University of

Pretoria

Dave Zimmerman: Manager Veterinary Wildlife Service Kimberley, SANParks

Adrian Tordiffe: Research Veterinarian, National Zoological Gardens and Extraordinary Lecturer related to

wildlife medicine Companion Animal Clinical Studies, University of Pretoria, Faculty of

Veterinary Science

COURSE STRUCTURE

The course will take place from 20 - 23 October 2014 at Veterinary Wildlife Services in Kruger National Park

Departure Date: 19 October 2014

Departure Venue: University of Pretoria, Onderstepoort Campus

Departure Time: 10H00Return Date: 24 October 2014

Depart from Kruger National Park to Onderstepoort Campus 10:00

WHO SHOULD ATTEND

Qualified veterinarians who have previously completed a chemical immobilization course or who have not completed such a course but have extensive experience working with wildlife.

ADMISSION REQUIREMENTS

1. BVSc (or equivalent international veterinary degree)

2. Training and/or experience in the veterinary wildlife field recognised by the Course Leader

3. Brief Curriculum Vitae highlighting qualifications and professional experience

COURSE FEE: Local (SADC) Delegates ZAR15, 960, 00

Foreign Delegates ZAR17, 000. 00

Course fees include transport (to and from SANParks starting at Onderstepoort), food, accommodation, conservation fees, all course material, practical sessions and presentations.

CERTIFICATION & ACCREDITATION

After successful completion of the course, delegates will receive a certificate from the University of Pretoria. The course will be registered for CPD points with the South African Veterinary Council.

COURSE CONTENT ENQUIRIES

REGISTRATION ENQUIRIES

Course leader: Dr Leith Meyer

> Tel: +27 12 434 2562 Fax: +27 86 634 7234

Course Coordinator:

Samedah Davis

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