

JOSEPH VAN HEERDEN

Date of birth: 20-01-48

Married with three children, 5 grandchildren

Matriculated at the Northern Cape Agricultural High School in 1965.” Headboy of the school.  
hoofseun [skool] “and “Onderhoofseun [Koshuis]”

## QUALIFICATIONS

- BVSc (1970)  
[Best third year student;  
final year: prizes in Pharmacology; Medicine and Infectious Diseases]
- BSc (Hon) (Nat) (1976) (Cum laude)
- Dip Med Vet (1978)
- M Med Vet (Medicine 1982)
- Registered with the South African Veterinary Council as a Veterinary Specialist: Physician (1982)

## POSITIONS

- State Veterinarian: Ondangwa, Namibia: 1970
- Locum tenens: Dr A Jordaan, Uitenhage
- Private practice: Welkom, Free State: 1970-1975
- Senior lecturer, Department of Medicine, Faculty of Veterinary Science, University of Pretoria: 1977-1982
- Head of Department of Medicine, Faculty of Veterinary Science, Medical University of Southern Africa: 1982 to 1986
- Head of Department of Companion Animal Medicine and Surgery, Faculty of Veterinary Science, Medical University of Southern Africa: 1987 - 1994
- Temporary appointment as Professor in the Department of Clinical Veterinary Studies, Faculty of Veterinary Science, University of Zimbabwe (1994)
- Specialist Private Practice: 1994 to 1995

- General Private Practice: 1995 to date—handle all species inclusive of lion, tigers, roan, sable, buffalo, rhinoceros etc

## **OTHER**

Part-time cattle farmer

Honorary appointment as Chairman of the Management Committee of the De Wildt Cheetah Breeding Centre, 1994 - 1995

Appointed to the advisory committee of the Faculty of Veterinary Science, University of Pretoria, 2009 **to date**

## **SPORT AND HOBBIES**

Birdwatching  
Creative writing  
Hiking

## **SERVICE ON UNIVERSITY COMMITTEES**

### **Medical University of Southern Africa**

Founder member and first chairman of the Research and Publications Committee of the Faculty of Veterinary Science

Member of the Hospital Management Committee

Member of the Executive Committee of Faculty Board

Member of the Academic Planning Committee of Faculty Board

Chairman of the Library Committee of Senate.

Established the Veterinary Community Trust Fund.

Played a leading role in the adoption of a species approach to under- and postgraduate veterinary teaching and training.

### **University of Pretoria**

Ad hoc appointment on the promotions committee of the Faculty of Veterinary Science [1993 - 1997 and 1999 - 2001]

Appointment as Honorary Professor in the Department of Veterinary Tropical Diseases, Faculty of Veterinary Science [1996 ]

Serve on the Advisory Body of the Faculty of Veterinary Science, University of Pretoria to date

## PROMOTOR

Acted as promotor for the following dissertations for the masters' degree in small animal veterinary medicine:

J K Geel: An investigation into serum lipid parameters in dogs

N L Davies: Selected chemical, haematological and bacteriological parameters of stored canine blood"

C Marshall: Fine needle aspirates in dermatology

A Carter: The antemortal diagnosis of canine distemper in dogs

## PRESENTATIONS AT MEETINGS

1. Congress, Zimbabwe/Rhodesia Veterinary Association (1979): Three papers: "Pemphigus vulgaris in the dog"; "Differential diagnosis of intermittent and/or progressive muscular weakness in the dog"; "Symptoms and diagnosis of canine ehrlichiosis".
2. South African National Veterinary Congress, Cape Town (1981): Two papers: "Rabies in nature"; "Disease and infestations of the Cape hunting dog *Lycaon pictus*".
3. Oranje-Vaal Branch of the South African Veterinary Association, Kroonstad (1981): Two papers: "Praktiese kardiologie"; "Canine ehrlichiosis"
4. Natal Clinicians Group (1982): "The problem orientated approach in veterinary medicine".
5. Eastern Transvaal Branch, South African Veterinary Association (1982): "The problem orientated approach in veterinary medicine"
6. Session Chairman (1983): Biennial Congress of the South African Veterinary Association, Bloemfontein. Also delivered a paper entitled "Diagnosis and treatment of mixed *E. canis*/ *B. canis* infections in the dog"
7. Ninth World Congress of the World Small Animal Association, Hamburg, Germany (1984): "Treatment and thrombocyte levels in experimentally induced ehrlichiosis and babesiosis".
8. Mini-symposium - Birds of Prey (1985): "Aspects of blood chemistry and haematology of the Cape Vulture *Gyps coprotheres*."
9. Symposium of the South African Association for Laboratory Animal Science (1985): "Serum potassium concentrations in *Xerus inauris*"

10. Annual General Meeting of the Orange Free State Branch of the South African Ornithological Society (1985): "Birds and man"
11. Annual Congress of the Free State Rotarians (1985): "Nature conservation today" and "Praktiese natuurbewaring"
12. Equine practitioners, Clinicians Group (1985): "Equine piroplasmosis"
13. Annual General Meeting, Botswana Veterinary Association, Gabarone (1985): "Canine ehrlichiosis"
14. Clinicians Group, Eastern Cape Branch (1985): "Nervous disorders in small animals"
15. Western Transvaal Branch, South African Veterinary Association (1985): Seminar on "Convulsions in the dog"
16. Symposium on Wildlife Diseases in South Africa. Pathology and Wildlife Groups (1987): "The use of clinical pathology in free-living wild animals in South Africa".
17. Annual Congress, Equine Practitioners Group (1987): "Haematological and blood chemistry findings in equine babesiosis".
18. Seminar on Ostriches, Oudtshoorn (1987): "The possible use of blood chemistry in the diagnosis of disease conditions in ostriches"
19. Biennial Congress, South African Veterinary Association (1988): Narcolepsy in the dog; Session Chairman
20. Mini-congress, Orange Free State Branch (1989): "Die gebruik van die mikroskoop in kleindierdiagnostiek"
21. International symposium on tropical diseases of wild and domestic animals of Southern Africa (1988): "Canine ehrlichiosis"
22. Annual General Meeting, Swaziland Veterinary Association, (1988): "Common canine diseases"
23. Clinicians Group, Natal Branch (1989): "The use of the electrocardiogram in clinical diagnosis"
24. Mini-Congress, Orange Free State Branch (1989): "Small animal cardiology"
25. 4Clinicians Group, Orange-Vaal Branch (1989): "Electrocardiography in the dog".
26. Clinicians Group, Orange-Vaal Branch (1989): "Canine urology"

27. Course - Veterinary Nurses Association (1990): "Introduction to intensive care"
28. International Symposium on Wildlife Management (1990): "The role of the veterinarian in wildlife management"
30. Monty Brett Series of lectures on wildlife (1990): "The wild dog *Lycaon pictus*"
31. Onderstepoort Medicine Club (1990): "Small animal problems in developing communities"
32. Veterinary Clinicians Group, Witbank (1991): "Practice by referral"
33. Veterinary Clinicians Group, Northern Transvaal Branch of the SAVA (1991): "Practice by referral"
34. Monty Brett Lecture Series on wildlife (1991): "Meerkats"
35. Annual General Meeting of the Free State Branch of the South African Veterinary Association (1991): "Acute diarrhoea in the dog"
36. Annual General Meeting of the Northern Transvaal Branch of the South African Veterinary Association (1991): "Veterinary practice by the year 2000"
37. Namibia Veterinary Association, Ian Hofmeyr Memorial Lecture (1991): "Research on the Cape Hunting Dog"
38. Namibia Veterinary Association (1991): "Course on canine cardiology"
39. Namibia Veterinary Association (1991): "Challenges facing a veterinarian handling wildlife"
40. Clinicians Group, Witwatersrand Branch of the SAVA (1992): "Wild dogs"
41. Clinicians Group, Cape West Branch of the SAVA (1992): "Diagnostic approach to convulsions in the dog"
42. Alldays Farmers' Association (1992): "Wild dogs and farmers"
43. Laerskool Louw Geldenhuys, Johannesburg (1992): "Ek en my omgewing"
44. Woodmead Secondary School, Johannesburg (1992): "Veterinary Science as a career"
45. Silver Jubilee and annual conference, Kenya Veterinary Association, Nairobi (1992): "Endocrine disorders in small animals in Southern Africa"

46. Silver Jubilee and annual conference, Kenya Veterinary Association, Nairobi (1992): "Complicated canine babesiosis".
47. International Symposium on Wildlife Utilisation in Southern Africa - A Veterinary Perspective (1994): "The wild dog: an endangered species".
48. Wildlife Group, Zimbabwe Veterinary Association (1994): "Veterinary aspects of wild dog biology".
49. Nineteenth World Congress of the World Small Animal Veterinary Association (1994): "Problems in canine babesiosis: an overview".
50. Nineteenth World Congress of the World Small Animal Veterinary Association (1994): "Disease and mortality in free-living wild dogs"
51. Babesia symposium, Babesia study group (1994): "Problems in canine babesiosis"
52. Symposium on Rhinos as game ranch animals (1994): "Clinical pathology parameters in white, black and northern white rhinos"
53. Clinicians Group of the South African Veterinary Association, Durban (1995): "Problem cases: cardiology, endocrinology and gastro-enterology."
54. Clinicians Group of the South African Veterinary Association, Cape Town (1995): "Problem cases: cardiology, endocrinology and gastro-enterology."
55. Clinicians Group of the South African Veterinary Association, Johannesburg (1995): "Problem cases: cardiology, endocrinology and gastro-enterology."
56. Clinicians Group of the Northern Transvaal Branch of the South African Veterinary Association, Pretoria (1995): "Problem cases: cardiology, endocrinology and gastro-enterology."
57. Orange Free State and Northern Cape Branch of the South African Veterinary Association, Bloemfontein(1996): "Problem cases: special reference to endocrinology"
58. Oranje-Vaal Branch of the South African Veterinary Association, Kroonstad (1997): "Problem cases: special reference to gastro-enterology and canine ehrlichiosis"
59. Orange Free State and Northern Cape Branch of the South African Veterinary Association, Bloemfontein(1997): "Problem cases: special reference to gastro-enterology and canine ehrlichiosis"
60. Oranje-Vaal Branch of the South African Veterinary Association, Kroonstad (1998): "Problem cases: special reference to endocrinology, wildlife immobilisation and clinical pathology"

61. Rotary Table, Kimberley, 1998: "Conservation of the wild dog"
62. Cape East and Karoo Branch of the South African Veterinary Association, Port Alfred (1998): "Problem cases: special reference to canine ehrlichiosis and clinical pathology"
63. Cape East and Karoo Branch of the South African Veterinary Association, Tsitsikamma (1999): "A general practitioner's approach to wildlife practice".
64. "Canine ehrlichiosis" Talk presented at the Medpet's launch of Doxydog June 1999
65. "Investigating an increased incidence of bloat in a small feedlot" J. v. Heerden and W. Schultheiss. LHPG/VLDG Congress, August 1999, Christiana
66. "Problem cases in small animal medicine" Several talks presented at the Annual Conference of the Zimbabwe Veterinary Association, Cutty Sark Hotel, Kariba, September 1999

**Many More—but I have unfortunately lost track of them!!!!!!**

## **CONGRESS ORGANISATION**

1. Organised a colloquium on "The use and abuse of strychnine; introduced a discussion on "Ethical aspects on the use of strychnine" and edited the proceedings (1985)
2. Organised a mini-symposium on "Birds of prey"
3. Organised a symposium on the African Buffalo (1985)
4. Served on the organising committee of a symposium on the use of tranquillisers in game animals
5. Served on the organising committee of a symposium on the status of research into diseases of wildlife (1987)
6. Served on the organising committee of a symposium on the African elephant as a game ranch animal (1991)
9. Served on the organising committee of a symposium on rhinos as game ranch animals (1994)
7. Served on the organising committee of the sable antelope as a game ranch animal (1992)
8. Served on the organising committee of an international symposium on the capture, care and management of threatened mammals (1993)

9. Served on the organising committee of a symposium on rhinos as game ranch animals (1994)
10. Served on the scientific and editorial committees of the Nineteenth World Congress of the World Small Animal Veterinary association (1994)
11. Served on the organising committee of the Rehabilitation Symposium organised by the Wildlife Group of the SAVA and ARC

**More—but I have unfortunately lost track of them**

**EXTERNAL EXAMINER:**

1. External examiner in Clinical Diagnostics at the Faculty of Veterinary Science, University of Pretoria
2. External examiner in medicine (undergraduate) at the Faculty of Veterinary Science, University of Pretoria
3. External examiner in equine medicine (undergraduate) at Faculty of Veterinary Science, University of Pretoria
4. External examiner in Toxicology (postgraduate) at Faculty of Veterinary Science, University of Pretoria
5. External examiner in postgraduate Small animal and Equine medicine at the Faculty of Veterinary Science, University of Pretoria
6. Examiner for the South African Veterinary Council
7. External examiner for the following masters degrees theses:
  - a) University of Pretoria (1989): "A study on the use of three commercially available human maintenance solutions in the dog"
  - b) University of the Witwatersrand (1988): "The influence of slaughter on the blood composition in cattle"
  - c) University of the Witwatersrand (1987): "Stress related to the chemical immobilisation of impala - *Aepyceros melampus* (Lichtenstein)- and its effect on blood composition"
  - d) University of Pretoria(1994): "Noninvasive oscillometric blood pressure determination in the dog"



e) University of Pretoria(1994): "A comparison between the effects of Berenil (Hoechst) and Trypan blue on erythrocyte numbers in the treatment of canine babesiosis"

f) University of Pretoria(2000): "Effect of multiple doses of imidocarb dipropionate on renal and hepatic function of ponies"

g) University of Pretoria (2014) "The safety of carprofen, flunixin and phenylbutazone in the Cape griffon vulture *Gyps coprotheres*"

i) University of Pretoria (2014): "a survey of antimicrobial usage patterns by veterinarians treating dogs and cats in South Africa"

8. External examiner in various fourth and final year courses in the Department of Veterinary Clinical Studies at the Faculty of Veterinary Science, University of Zimbabwe (1992 and 1993)

9. External examiner (1995) for undergraduate students in Pharmacology in the Department of Pharmacology and Toxicology, Faculty of Veterinary Science, University of Pretoria

10. External examiner for postgraduate students during 1996 in: pharmacology, internal medicine and wildlife diseases in the Departments of Pharmacology and Toxicology, Medicine and Veterinary Tropical Diseases (PriceForbes Chair in Wildlife Diseases)

11. Coordinator of the small animal section of the Veterinary Council examinations for 1996

### **SERVICE: FEDERAL COUNCIL OF THE SOUTH AFRICAN VETERINARY ASSOCIATION**

1. Editorial committee: Member of the editorial committee from 1982 to date. Editor of the Journal of the South African Veterinary Association from 1987 to 1995. Member of the Editorial Committee 1995 to date

2. Representative of the Wildlife Group on Federal Council of the South African Veterinary Association from 1982 to 1990, 1992 to 2010

3. Education Committee of the Federal Council of the South African Veterinary Association: Representative of the Wildlife Group on this committee from 1982 to 1990 and of the National Clinicians Group since 1989 to 1990; Chairman from 1994 to 1995

4. Member of the Awards Committee of the Federal Council since 1987 to date, Chairman of this committee 1995 to 2011

5. Nationally elected member of the Federal Council of the South African Veterinary Association since 1991 to 2007

6. Chairman of the Constitution Committee of the Federal Council since 1995 to 2011
7. Chairman of Ethics Committee—approximately 2004 to 2008
8. Representative of the South African Veterinary Association on the South African Veterinary Council: 2007 to date
- 9, Director of the South African Veterinary Association: 2007 to date

### **SERVICE: VETERINARY FOUNDATION**

Trustee of the Foundation: 1988-1990

### **SERVICE SOUTH AFRICAN VETERINARY COUNCIL**

Member of the South African Veterinary Council: 2004 to date

Representative of the South African Veterinary Association on the South African Veterinary Council: 2007 to date

First Chairman of The Accreditation Committee of Council: 2004 to date

Member of the Visitation Team of the South African Veterinary Council (accreditation of the Faculty of Veterinary Science, University of Pretoria): 2006

### **SOCIETIES/ORGANIZATIONS**

South African Veterinary Association  
Wildlife Group; Equine Practitioners Group and National Clinicians Group of the South African Veterinary Association  
Wildlife Management Association  
Biological Society of Southern Africa  
South African Ornithological Society  
Wildlife Society of South Africa

### **POSITIONS IN SOCIETIES**

Chairman of the Wildlife Group of the South African Veterinary Association 1982 to 1995 and 2000 to 2010

Member of Federal Council of the South African Ornithological Society- 1980- 1984

President of the Biological Society

Committee member of the Educational and Awards Committees of the South African Veterinary Association. Currently Chairman of the Constitution Committee, the Awards Committee and the Ethics Committee as well as representative of the South African Veterinary Association on the South African Veterinary Council.

Director of the South African Veterinary Association : 2007 to date

Editor of the Journal of the South African Veterinary Association till 1996

## **AWARDS**

Clinical Award of the South African Veterinary Association (1982)

Boswell Award of the South African Veterinary Association (1994)

President's Award of the South African Veterinary Association (1995)

Research Award of the South African Veterinary Association (1998)

Scroll awarded by the Wildlife and Environmental Society of South Africa (northern Cape region) (2004)

Gariep Raptor Conservation Award (2008)

Honorary Vice president of the South African Veterinary Association: 2008

Lycaon Award of the Wildlife Group of the South African Veterinary Association: 2010

## **JOURNALS**

Apart from the above-mentioned, also served on the editorial committee of Bokmakierie (1980-1987).

Acted as referee for the following journals:

The Ostrich

Madoqua

South African Journal of Wildlife Research

Journal of the South African Veterinary Association

Journal of Wildlife Diseases (American)

Onderstepoort Veterinary Journal

Australian Veterinary Journal

## **MEDICINES CONTROL COUNCIL**

Member of the Veterinary Clinical Committee of and evaluator for the Medicine Control Council: 1984 to 2006

## **LIST OF PUBLICATIONS**

1. Van Heerden J 1974 Botulism in the Orange Free State Goldfields. *Ostrich* 45: 182-184
2. Van Heerden J, Williams M C, Van Rensburg I B J, Ipland FF 1978 An outbreak of "kikuyu poisoning" in Western Transvaal. *Journal of the South African Veterinary Association* 49: 27-30
3. Tustin R C, Van Heerden J 1978 Bovine cerebral theileriosis (Turning sickness) with spinal cord involvement. *Journal of the South African Veterinary Association* 50: 49-51
4. Van Heerden J 1979 Hand-rearing of Cape hunting dog *Lycaon pictus* pups. *Journal of the South African Veterinary Association*. 50: 189-191
5. Van Heerden J, Van Rensburg I B J 1979 Toxoplasmosis in a dog. *Journal of the South African Veterinary Association* 50: 211-214
- \*6. Van Heerden J, Immelman A 1979 The use of doxycycline in the treatment of canine ehrlichiosis. *Journal of the South African Veterinary Association* 50: 245-248
- \*7. Van Heerden 1979 The transmission of canine ehrlichiosis to the wild dog *Lycaon pictus* (Temminck) and black-backed jackal *Canine mesomelas* Schreber. *Journal of the South African Veterinary Association* 50: 245-248
- \*8. Van Heerden J 1980 The transmission of *Babesia canis* to the wild dog *Lycaon pictus* (Temminck) and black-backed jackal *Canis mesomelas* Schreber. *Journal of the South African Veterinary Association* 51: 119-120
- \*9. Van Heerden J, Swart W H, Meltzer DGA 1980 Serum antibody levels before and after administration of live canine distemper vaccine to the wild dog *Lycaon pictus*. *Journal of the South African Veterinary Association* 51: 283-284
10. Van Heerden J, Petrick SW 1980 The treatment of *Filaroides osleri* infestation with albendazole. *Journal of the South African Veterinary Association* 51: 281
11. Van Heerden J, Verster Anna, Gouws D J 1980 Neostigmine responsive weakness and glomerulonephritis associated with heartworm *Dirofilaria immitis* infestation in a dog. *Journal of the South African Veterinary Association* 51: 251-253
12. Van Heerden J 1980 Canine ehrlichiosis. *Zimbabwe Veterinary Journal* 11: 50
13. Van Heerden J 1980 Pemphigus vulgaris in the dog. *Zimbabwe Veterinary Journal* 11: 51
14. Van Heerden J 1980 Muscular weakness in the dog. *Zimbabwe Veterinary Journal* 11: 52
15. Van Heerden J, Lourens D C 1981 Tetralogy of Fallot in a Two-and-half-year old cat. *Journal of the American Animal Hospital Association* 17: 129-130

16. Van Heerden J, W A S Brummer 1981 Diaphragmatic hernia in bovines. Journal of the South African Veterinary Association 52: 49-50
- \*17. Van Heerden J 1981 The role of integumental glands in the social and mating behaviour of the hunting dog *Lycaon pictus* (Temminck, 1820). Onderstepoort Journal of Veterinary Research 48: 19-21
- \*18. Van Heerden J, de Vos V 1981 Immobilisation of the hunting dog *Lycaon pictus* with ketamine hydrochloride and a fentanyl/droperidol combination. South African Journal of Wildlife Research 11: 112-113
- \*19. Van Heerden J, Goosen D J 1981 Attempted transmission of canine ehrlichiosis to the vervet monkey *Cercopithecus pygerythrus*. Onderstepoort Journal of Veterinary Research 48: 127-128
- \*20. Van Heerden J, Annaline van Heerden 1981 Attempted treatment of canine ehrlichiosis with imidocarb dipropylsulfonate. Journal of the South African Veterinary Association 52: 173-175
- \*21. Van Heerden J 1982 A retrospective study on 120 natural cases of canine ehrlichiosis. Journal of the South African Veterinary Association 53: 17-22
22. Van Heerden J, Botha W A S 1982 Clostridial myositis in a horse. Journal of the South African Veterinary Association 55: 211
- \*23. Van Heerden J, Bertschinger H J 1982 Serum cortisol concentrations in captive tamed and untamed black-backed jackals *Canis mesomelas* and translocated dogs. Journal of the South African Veterinary Association 53: 235-237
24. Van Heerden J, Hayes S C, Williams M C 1983 Suspected vitamin E-selenium deficiency in two ostriches. Journal of the South African Veterinary Association 54: 53-54
25. Van Heerden J, Van Schouwenburg Selma J 1983 The use of corticosteroids in a dog with myasthenia gravis. Journal of the South African Veterinary Association 54: 135-137
26. Van Heerden J 1983 Muscular weakness in a dog associated with severe roundworm infestation. Journal of the South African Veterinary Association 54: 133-134
27. Van Heerden J 1983 Praktiese elektrokardiografie I. Volledige hartblok in 'n hond. Journal of the South African Veterinary Association 54: 139-140
28. Van Heerden J 1983 Praktiese elektrokardiografie II. S-T segment veranderinge by die hond. Journal of the South African Veterinary Association 54: 211-212

29. Van Heerden J 1983 Praktiese elektrokardiografie III. Hiperkalemie by die hond en kat. *Journal of the South African Veterinary Association* 54: 274-276
- \*30. Van Heerden J, Reyers F, Stewart C G 1983 Treatment and thrombocyte levels in experimentally induced canine ehrlichiosis and canine babesiosis. *Onderstepoort Journal of Veterinary Research* 50: 267-270
31. Van Heerden J, Reyers F 1984 *Borrelia* sp. infection in a horse. *Journal of the South African Veterinary Association* 54: 45-46
- \*32. Van Heerden J, Dauth J 1984 Serum potassium and sodium concentrations in dead and hypoxic dogs, shot mountain zebra *Equus zebra zebra*, and chemically immobilised laboratory rats and ground squirrels *Xerus inauris*. *South African Journal of Wildlife Research* 15: 32-36
- \*33. Van Heerden J 1984 Capture and immobilisation of the Cape ground squirrel *Xerus inauris* with ketamine hydrochloride. *South African Journal of Wildlife Research* 14: 127-128
- \*34. Van Heerden J, Dauth J, Jarvis M J F, Keffen R H, Denny J E F M, Dreyer M J, Kriek N P J 1985 Blood chemical and electrolyte concentrations in the ostrich *Struthio camelus*. *Journal of the South African Veterinary Association* 56: 75-79
- \*35. Van Heerden J, Kuhn F 1985 Reproduction in captive hunting dogs *Lycaon pictus*. *South African Journal of Wildlife Research* 15: 80-84
- \*36. Van Heerden J, Dauth J, De Vos V, Denny J E F M 1985 Blood chemical parameters in shot cape mountain zebra *Equus zebra zebra*. *Journal of the South African Veterinary Association* 56: 145-146
37. Van Heerden J 1985 *Xerus inauris*: Enkele aanpassings by 'n relatief droe", warm klimaat. *Tydskrif van die Suid-Afrikaanse Biologiese Vereniging* 25: 41-48
- \*38. Van Heerden J 1986 Disease and mortality of captive wild dogs *Lycaon pictus*. *South African Journal of Wildlife Research* 16: 7-11
- \*39. Van Heerden J, Keffen R H, Dauth J, Dreyer M J 1985 Blood chemical parameters in free-living white rhinoceros *Ceratocarium simum*. *Journal of the South African Veterinary Association* 56: 187-189
40. Van Heerden J, Dauth J 1985 Serum potassium concentrations in the ground squirrel *Xerus inauris*. *South African Association for Laboratory Animal Science (SAALAS)* page 63.
- \*41. Van Heerden J, Dauth J 1987 Aspects of adaptation to an arid environment in free-living ground squirrels *Xerus inauris*. *Journal of Arid Environments* 13: 83-89

- \*42. Van Heerden J, Dauth J, Komen J, Meyer E 1987 The use of ketamine hydrochloride in the immobilisation of the Cape Vulture *Gyps coprotheres*. Journal of the South African Veterinary Association 58: 143-144
- \*43. Van Heerden J, Komen J, Myer E 1987 Serum biochemical and haematological parameters in the Cape vulture *Gyps coprotheres*. Journal of the South African Veterinary Association 58: 145-146
44. Eckersley G N, Fockema A, Williams June H, Van Heerden J, Vermooten M I 1987 An insulinoma causing hypoglycaemia and seizures in a dog: Case report and literature review. Journal of the South African Veterinary Association 58: 187-192
- \*45. Keffen R H, Van Heerden J, Dreyer M J, Lourens C 1987 Blood chemical parameters in the warthog *Phacochoerus aethiopicus*. Journal of the South African Veterinary Association 58: 137-142
- \*46. Dauth J, Keffen R H, Van Heerden J, Dreyer M J, Lourens C 1987 Blood chemical and electrolyte concentrations in the mountain reedbuck *Redunca fulvorufula*. Journal of the South African Veterinary Association 58: 135-136
- \*47. De Waal D T, Van Heerden J, Potgieter F T 1987 An investigation into the clinical pathological changes and serological response in horses experimentally infected with *Babesia equi* and *Babesia caballi*. Onderstepoort Journal of Veterinary Research 54: 561-568
- \*48. De Waal D T, Van Heerden J, Van den Berg S S, Stegman G S, Potgieter F T 1988 Isolation of pure *Babesia equi* and *Babesia caballi* organisms in splectomized horses from endemic areas in South Africa. Journal of the South African Veterinary Association 55: 33-35
49. Van Heerden J, Bainbridge N, Burroughs R E J, Kriek N P J 1989 Distemper-like disease and encephalitozoonosis in wild dogs *Lycaon pictus*. Journal of Wildlife Diseases 25: 70-75
50. Eckersley G N, Bastianello Stella, Van Heerden J, Williams June H 1989 An expansile secondary hypophyseal mastocytoma in a dog. Journal of the South African Veterinary Association 60: 113-124
51. Van Heerden J, Eckersley G N 1989 Narcolepsy in a long-haired Dachshund. Journal of the South African Veterinary Association 60: 151-153
52. Wysoke J M, Van Heerden J 1990 Electrocardiographic changes associated with altered thyroid function in two dogs. Journal of the South African Veterinary Association 61: 130-132
53. Wysoke J M, Van Heerden J 1990 Polycythaemia vera in a dog. Journal of the South African Veterinary Association 61: 182-183

- \*54. Van Heerden J, Dauth J, Dreyer M J, Nichas E, Marshall C, De Waal D T 1990 Selected laboratory parameters of Thoroughbreds. *Journal of the South African Veterinary Association* 61: 155-158
55. Raubenheimer E J, Van Heerden J, Keffen R H, Lemmer L B 1990 Liposarcoma of bone marrow origin in a kudu. *Journal of Wildlife Diseases* 26: 271-274
- \*56. Van Heerden J, Keffen R H 1991 A preliminary investigation into the immobilising potential of a tiletamine/zolazepam mixture, metomidate, a metomidate and azaperone combination and medetomidine in ostriches (*Struthio camelus*). *Journal of the South African Veterinary Association* 62: 114-117
- \*57. Van Heerden J, Burroughs R E J, Dauth J, Dreyer J 1991 Immobilization of wild dogs *Lycaon pictus* with a tiletamine hydrochloride/zolazepam hydrochloride combination and subsequent evaluation of selected blood chemistry parameters. *Journal of Wildlife Diseases* 27: 225-229
- \*58. Van Heerden J, Swan G E, Dauth J, Burroughs R E J, Dreyer M J 1991 Sedation and immobilization of wild dogs *Lycaon pictus* using medetomidine or a medetomidine-ketamine hydrochloride combination. *South African Journal of Wildlife Research* 21: 88-93
59. Van Heerden J, Geel Judith, Moore D J 1992 Hypodipsic hypernatraemia in a Miniature Schnauzer. *Journal of the South African Veterinary Association* 63: 39-42
60. Ronen N, Van Heerden J, Van Amstel S R 1992 Clinical and biochemistry findings, and parathyroid hormone in three horses with secondary hyperparathyroidism. *Journal of the South African Veterinary Association* 63: 134-136
- \*61. Van Heerden J, Van der Lugt J J, Durante E 1993 Experimental vermeersiekte [*Geigeria ornativa* O. Hoffm. poisoning] in sheep. 1: An evaluation of diagnostic aids and an assessment of the preventive effect of ethoxyquin. *Journal of the South African Veterinary Association* 64: 76-82
- \*62. Van der Lugt J J, Van Heerden J 1993 Experimental vermeersiekte [*Geigeria ornativa* O. Hoffm. poisoning] in sheep. 11: Histological and ultrastructural lesions. *Journal of the South African Veterinary Association* 64: 82-90
63. Van Heerden J, Els H J, Raubenheimer E J, Williams J H 1993 Besnoitiosis in a horse. *Journal of the South African Veterinary Association* 64: 92-96
- \*64. Paweska J T, Gerdes T, Van Heerden J 1994 Serological relationship between a donkey alphaherpesvirus (isolate M7/91) and equid herpesvirus type 1 and 4. *Journal of the South African Veterinary Association* 65: 64-66



\*65. Van Heerden J, Boomker J, Booyse D G, Mills M G L 1994 The wild dog (*Lycaon pictus*): A new host for *Ancylostoma caninum*. Journal of the South African Veterinary Association 65: 18-19

\*66. Van Heerden J, Mills M G L, Van Vuuren M J, Kelly P J, Dreyer M J 1995 An investigation into the health status and diseases of wild dogs (*Lycaon pictus*) in the Kruger National Park. Journal of the South African Veterinary Association 66: 18-27

67. Equine babesiosis--Published British CE Journal --I never received a copy, so I am not sure what the final title was

68. \*De Villiers M S, Meltzer D G A, Van Heerden J, Mills M G L, Richardson P R K, Van Jaarsveld A S 1995 Handling-induced stress and mortalities in African wild dogs (*Lycaon pictus*). Proceedings of the Royal Society of London B 262: 215-220

69. Van Heerden J, Verster R, Penrith M-L, Espie I 1996 Disease and mortality in captive wild dogs (*Lycaon pictus*). Journal of the South African Veterinary Association 67: 141- 145

70.\* Laurenson K, Esterhuysen J, Stander P, Van Heerden J 1997 Aspects of rabies epidemiology in Tsumkwe district, Namibia. Onderstepoort Journal of Veterinary Research 64: 39-45

71. \*Lambrechts N, Jordaan M M, Pilloy W J G, Van Heerden J, Clauss R P Thyroidal radioisotope uptake in euthyroid cats: a comparison between  $^{131}\text{I}$  and  $^{99\text{M}}\text{TcO}_4$ . Journal of the South African Veterinary Association 68: 35 - 39

72.. \* Laurenson et al---Recently published in the Onderstepoort Journal of Veterinary Research--not sure of the details--about canine distemper in wild dogs in Namibia

73. Bolton Lorna A, Lobetti R G, Evezard D N, Picard Jaqueline A, Nesbit J W, Van Heerden J, Burroughs R E J 1999 Cryptococcosis in captive cheetah (*Acinonyx jubatus*): Two cases. Journal of the South African Veterinary Association 70: 35- 39

74. \*Van Heerden et al 2002 Clinical and serological response of wild dogs (*Lycaon pictus*) to vaccination against canine distemper, canine parvovirus infection and rabies. Journal of the South African Veterinary Association 73: 8-

\*research paper

## CHAPTERS IN BOOKS

1. "Small animal problems in developing countries" in: Ed: Stephen J Ettinger. Textbook of Veterinary Internal Medicine, Philadelphia, United States of America
2. "Canine ehrlichiosis" in: Eds: Bruce Fivaz, Trevor Petney, Ivan Horak. Tick vector biology. Medical and veterinary aspects. Berlin, Germany
3. "Accommodation of the wild dog", "Chemical capture of the wild dog" and "Care of the wild dog in captivity" in: Ed: A A McKenzie. The capture and care manual. Capture, care, accommodation and transportation of wild African mammals. Wildlife Decision Support Services, Pretoria
4. "Bakteriese, virologiese en protosoiese siektes" in: Ed: J du P Bothma. Wildplaasbestuur-nuwe uitgebreide uitgawe. J L van Schaik Uitgewers, Pretoria [co-author] (several editions)
5. "Equine babesiosis" in: Eds: J A W Coetzer, G R Thomson, R C Tustin. Infectious diseases of livestock. Oxford University Press, Oxford [co-author] (both editions)
6. "The African wild dog" in Eds. J du P Bothma & N van Rooyen 2005 Intensive wildlife production in southern Africa . Van Schaik publishers

## **SHORT CONTRIBUTIONS**

1. Van Heerden J 1972 Amputasie van 'n gryskopmeeu se vlerk. Bokmakierie 24: 54
2. Van Heerden J 1972 Observations on a coot. Bokmakierie 24: 88
3. Van Heerden J 1972 Botulisme breek uit in Welkom. Bokmakierie 24: 60
4. Van Heerden J 1974 Mortaliteit in 'n kranssaasvoel. Bokmakierie 26: 30
5. Van Heerden J 1977 Crested barbet in the Orange Free State. Bokmakierie 29: 42
6. Van Heerden J 1977 Leg paralysis in birds. Ostrich 48: 188
7. Van Heerden J 1977 Quelea predators. Bokmakierie 29: 45
8. Van Heerden J 1977 Posterior paresis in a blesbok *Damaliscus dorcas phillipsi*. Journal of the South African Veterinary Association 48: 288

9. Van Heerden J 1978 Muscle atrophy in a horse. Journal of the South African Veterinary Association 49: 146

10. Penzhorn B L, Gilbert R O, Van Heerden 1985 Hydrallantois in a bovine leading to rupture of the prepubic tendon and abdominal musculature. Journal of the South African Veterinary Association 56: 115