

Index, Subject — Indeks, Onderwerp

Volume 70 · Jaargang 70 — 1999

No. 1 — March · Maart: 1–57

No. 2 — June · Junie: 59–101

No. 3 — September: 103–137

No. 4 — December · Desember: 139–180

Anaesthesiology

- The sedative and analgesic effects of detomidine-butorphenol and detomidine alone in donkeys 112
- Observations on some cardiopulmonary effects of midazolam, xylazine and a midazolam/ketamine combination in the goat ... 122
- The hidden dangers of anaesthetic machines 140
- Etorphine-halothane anaesthesia in two five-year-old African elephants (*Loxodonta africana*) 164

Avian (poultry, ostriches, cage birds)

- Monensin poisoning in ostriches 140

Bacterial, mycoplasmal and fungal diseases/bacteriology

- Streptococcal meningitis in a five-month-old male lamb 2
- Three case studies involving *Leptospira interrogans* var. *pomona* infection in mixed farming units 29
- Cryptococcosis in captive cheetah (*Acinonyx jubatus*): two cases 35
- Chlamydia*-induced septic polyarthritis in a dog 40
- The identification of Gram-positive branched filamentous bacteria [abstract] 53
- Bacterial isolates and antimicrobial sensitivities from dogs and cats over a 4-year period [abstract] 53
- The control and eradication of *Brucella melitensis* from KwaZulu-Natal [abstract] 53
- An outbreak of listeriosis in cattle and sheep ingesting potato offcuts [abstract] 54
- Ovine paratuberculosis survey in the Western Cape Province [abstract] 54
- Ovine paratuberculosis in South Africa - prevalence and serological diagnosis [abstract] 54
- Streptococcus phocae* infections associated with starvation in Cape fur seals 98
- An unusual presentation of suspected oedema disease of swine in Kenya 100
- Teat lesions and their relationship to intramammary infections in small-scale dairy farms in Kiambu district in Kenya 156

Biotechnology

- The PCR technique as a diagnostic tool [abstract] 55

Clinical pathology

- Laminitis and dermatitis in heifers associated with excessive carbohydrate intake: skin lesions and biochemical findings 167

Epidemiology

- Three case studies involving *Leptospira interrogans* var. *pomona* infection in mixed farming units 29
- Diseases, disease conditions and toxicities causing stock mortality in the Free State Province of South Africa [abstract] 55
- Causes of abortion in cattle over a four-year period [abstract] 55
- The incidence of gastroenteritis diagnosis among sick dogs presented to the Onderstepoort Veterinary Academic Hospital correlated with meteorological data 95

Management and service provision

- A primary animal health care approach to treatment and control of flea (*Ctenocephalides felis*) infestation in indigenous goats kept on communal grazing 21
- Project management [abstract] 50
- Provision of a clinical service as a state veterinary function within the North-West Province [abstract] 50

Medicine

- Spinal nephroblastoma in an Irish wolfhound 25
- Cryptococcosis in captive cheetah (*Acinonyx jubatus*): two cases 35
- A focus of feline babesiosis at Kaapschehoop on the Mpumalanga escarpment 60
- Laminitis and dermatitis in heifers associated with excessive carbohydrate intake: skin lesions and biochemical findings 167
- The incidence of gastroenteritis diagnosis among sick dogs presented to the Onderstepoort Veterinary Academic Hospital correlated with meteorological data 95
- An unusual presentation of suspected oedema disease of swine in Kenya 100
- Feline transfusion practice in South Africa: current status and practical solutions 135
- Teat lesions and their relationship to intramammary infections in small-scale dairy farms in Kiambu district in Kenya 156
- Renal pathology in working dogs in the South African National Defence Force 158
- Drug choice and therapeutic drug monitoring in the management of canine primary epilepsy 172

Nutrition

- The influence of dietary crude protein intake on bone and mineral metabolism in sheep 9
- The application of a selenium fertiliser for the correction of marginal deficiencies in grazing sheep 107
- Laminitis and dermatitis in heifers associated with excessive carbohydrate intake: skin lesions and biochemical findings 167

Parasitology

A primary animal health care approach to treatment and control of flea (<i>Ctenocephalides felis</i>) infestation in indigenous goats kept on communal grazing	21
Possible dissemination of eggs of whipworm (<i>Trichuris trichiura</i>) and roundworm (<i>Ascaris lumbricoides</i>) by wind in the Western Cape [abstract]	43
Morphological anomalies in <i>Mugicola</i> sp. [abstract]	43
The impact of immune evasion/suppression in the expression of cross-resistance in rabbits and calves [abstract]	43
Additional features of <i>Kroyeria dispar</i> Wilson, 1935 (Kroyeriidae, Copepoda) from the tiger shark <i>Galeocerdo cuvier</i> [abstract]	43
Severe and frequent trichuriasis and ascariasis in Khayelitsha children [abstract]	44
The morphology of Haller's organ in the yellow dog tick (<i>Haemaphysalis leachi</i>) [abstract]	44
SEM observations on the rare equid-sucking louse <i>Ratemia squamulata</i> (Neumann) [abstract]	44
Perceptions about malaria transmission and control using mosquito-repellent plants in Mandeya: relevance to malaria control [abstract]	46
A morphological comparison between ergasilids from two mormyrid species from the Okavango Delta [abstract]	46
Control of the blackfly, <i>Simulium chutteri</i> , in the Orange River, South Africa [abstract]	46
DNA probe classification of clinical patterns of blindness in Nigeria [abstract]	47
Morphological aspects of a <i>Lamproglana</i> sp. (Copepoda: Lernaeidae) from the African pike, <i>Hepsetus odoe</i> , from the Okavango River in Botswana [abstract]	47
Construction of parasite distribution maps and their use for control measures [abstract]	48
Scanning electron microscope study on the morphology of an <i>Ergasilus</i> from <i>Synodontis nigromaculatus</i> from the Okavango Delta [abstract]	49
Evaluation of biological assessment indices in the Olifants River system [abstract]	49
A preliminary attempt to use climate data and satellite imagery to model the abundance and distribution of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) in southern Africa	80
Helminth parasites of dogs from two resource-limited communities in South Africa	92
Workshop discusses priorities in veterinary helminthology for South Africa	104
A survey on environmental contamination of suburban parks and playgrounds in Harare, Zimbabwe, with canine helminths of zoonotic significance	119

Pathology

Spinal neuroblastoma in an Irish wolfhound	25
Cryptococcosis in captive cheetah (<i>Acinonyx jubatus</i>): two cases	35
<i>Chlamydia</i> -induced septic polyarthritis in a dog	40
Mortality in stall-housed pigs and the results of pathological examination [abstract]	51
Renal pathology in working dogs in the South African National Defence Force	158
Teat lesions and their relationship to intramammary infections in small-scale dairy farms in Kiambu district in Kenya	156

Pharmacology

Comments on 'Ketamine hydrochloride – an adjunct for analgesia in dogs with burn wounds'	2
In reply to J Still	3
To determine the effect of rifampicin and ethambutol on the malaria parasite <i>Plasmodium falciparum</i> [abstract]	47
Antimalarial activity in crude extracts of South African plants [abstract]	48
The effects of curdlan sulphate on the <i>in vitro</i> development of <i>Plasmodium falciparum</i> [abstract]	48
The pharmacology of halogenated salicylanilides and their anthelmintic use in animals	61
Relative bioavailability of rafoxanide following intraruminal and intra-abomasal administration in sheep	71
Intravascular plasma disposition and salivary secretion of closantel and rafoxanide in sheep	75
The sedative and analgesic effects of detomidine-butorphenol and detomidine alone in donkeys	112
Observations on some cardiopulmonary effects of midazolam, xylazine and a midazolam/ketamine combination in the goat	122
Drug choice and therapeutic drug monitoring in the management of canine primary epilepsy	172

Physiology

An experimental rat model of salt-sensitive hypertension; biomedical and morphological parameters and sympathetic nervous system	14
The effect of gestation and lactation on bone calcium, phosphorus and magnesium in dairy cows	142
The effect of an angiotensin-converting enzyme inhibitor on water and electrolyte balance in water-restricted sheep	147

Primary animal health care

A primary animal health care approach to treatment and control of flea (<i>Ctenocephalides felis</i>) infestation in indigenous goats kept on communal grazing	21
--	----

Production

Rural and commercial beef cattle production in the Northern Province [abstract]	51
Mortality in stall-housed pigs and the results of pathological examination [abstract]	51

Protozoal diseases

Semen characteristics of goats with subacute, acute and chronic besnoitiosis	18
Prevalence of <i>Giardia</i> infection in children of five communities in South Africa [abstract]	44

Collaborative project between University of Minnesota, Minneapolis, and Amoebiasis Research Programme, South African Medical Research Council [abstract]	44
Occurrence and diversity of coccidia in indigenous, Saanen and cross-bred goats in South Africa [abstract]	45
Protective immunity against <i>Entamoeba dispar</i> following <i>Entamoeba histolytica</i> infection [abstract]	45
A novel method for quantification of <i>Giardia</i> cysts in water samples [abstract]	45
<i>In vitro</i> culture and isoenzyme analysis of <i>Giardia intestinalis</i> [abstract]	45
Perceptions about malaria transmission and control using mosquito-repellent plants in Mandeya: relevance to malaria control [abstract]	46
The antimalarial effect of retinoids on <i>Plasmodium falciparum</i> [abstract]	46
The effect of cyclin-dependent kinase inhibitors on <i>Plasmodium falciparum</i> [abstract]	46
To determine the effect of rifampicin and ethambutol on the malaria parasite <i>Plasmodium falciparum</i> [abstract]	47
Antimalarial activity in crude extracts of South African plants [abstract]	48
The effects of curdlan sulphate on the <i>in vitro</i> development of <i>Plasmodium falciparum</i> [abstract]	48
Comparative assessment of Robinson's and TYSGM-9 culture media for the isolation and short-term growth of <i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> [abstract]	48
A simple and effective method for the cryopreservation of axenic <i>Entamoeba histolytica</i> [abstract]	48
The effect of ferric and ferrous ion-chelating agents on the <i>in vitro</i> growth of <i>Plasmodium falciparum</i> [abstract]	49
The diagnosis of <i>Babesia gibsoni</i> in imported dogs [abstract]	56
A focus of feline babesiosis at Kaapschehoop on the Mpumalanga escarpment.	60
Could treatment of pregnant mares prevent abortions due to equine piroplasmosis?	90
Prevalence of besnoitiosis in domestic ruminants in Kenya: a preliminary survey	151
Experimental transmission of <i>Besnoitia caprae</i> in goats	161
Radiology	
Vacuum phenomenon in equine carpal, metacarpophalangeal and metatarsophalangeal joints	5
Research methodology	
A photographic method to record the ecological changes occurring on a communal grazing area in South Africa during a 2-year field survey [abstract]	43
Participatory needs assessment and extension [abstract]	50
Reproduction	
Semen characteristics of goats with subacute, acute and chronic besnoitiosis	18
Causes of abortion in cattle over a four-year period 1993–1996 [abstract]	55
Could treatment of pregnant mares prevent abortions due to equine piroplasmosis?	90
Hysterotomy by a colpotomy approach for treatment of foetal mummification in a cow	127
Trans-vaginal oocyte retrieval and subsequent <i>in vitro</i> production of embryos from a cow involuntarily culled	130
The effect of gestation and lactation on bone calcium, phosphorus and magnesium in dairy cows	142
Rickettsial diseases	
<i>Cowdria ruminantium</i> infection in an African nature reserve [abstract].	47
Surgery	
Spinal nephroblastoma in an Irish wolfhound	25
<i>Chlamydia</i> -induced septic polyarthritis in a dog	40
Hysterotomy by a colpotomy approach for treatment of foetal mummification in a cow	127
Toxicology	
Combined borehole water and phyto-genous oxalate poisoning of cattle in the Northern Province of South Africa [abstract]	56
Gousiekte in boer goats in the Camperdown district of KwaZulu-Natal, caused by ingestion of <i>Pachystigma latifolium</i> [abstract] ..	56
Monensin poisoning in ostriches	140
Water intoxication in cattle	177
Veterinary education and extension	
Continuing education and postgraduate training in veterinary science: a modular approach [abstract]	50
Community services projects: Gauteng Veterinary Services [abstract]	51
Veterinary public health/community health	
A survey on environmental contamination of suburban parks and playgrounds in Harare, Zimbabwe, with canine helminths of zoonotic significance	119
Virology	
The viruses of summer 1996 and 1997 [abstract]	51
African horsesickness: control measures [abstract]	52
Bovine malignant catarrh: investigation into an outbreak on Telperion farm, Witbank district, Mpumalanga [abstract]	52
An outbreak of Wesselsbron disease in boer goats [abstract]	52
Rabies in Bushmanland [abstract]	53
Myeloid leukosis in South African broiler breeders [abstract]	55
Feline herpesvirus infection in a group of semi-captive cheetahs	132

Wildlife/exotic animals

Cryptococcosis in captive cheetah (<i>Acinonyx jubatus</i>): two cases	35
Feline herpesvirus infection in a group of semi-captive cheetahs	132
Etorphine-halothane anaesthesia in two five-year-old African elephants (<i>Loxodonta africana</i>).	164

Continuing education

Feline transfusion practice in South Africa: current status and practical solutions	135
Water intoxication in cattle	177

Abstracts

Parasitological Society of Southern Africa – 26th Annual Scientific Meeting.	43
Laboratory Diagnosticians Group of the South African Veterinary Association/State Veterinarians – Annual Scientific Meeting	50

Book reviews

Proceedings of a symposium on cheetahs as game ranch animals	13
Toxic plants and other natural toxicants	28
Evaluation of certain veterinary drug residues in food	57
The genetics of the pig	89
Rhino ranching: a manual for owners of white rhino	101
A quantitative biology of the pig	111
Response in the yield of milk constituents too the intake of nutrients by dairy cows, AFRC Technical Committee on Responses to Nutrients, Report No. 11	121
Grass for dairy cattle	126
The use of drugs in food animals: benefits and risks	134
Fish diseases and disorders	146
Tsetse biology and ecology: their role in the epidemiology and control of trypanosomosis	176
The economics of animal disease control	179
Equine reproductive physiology, breeding and stud management	180