AUSTRALIAN VETERINARY **JOURNAL**

Volume 99 No 1 & 2 January/February 2021

SMALL ANIMALS

Diagnostic utility of cerebrospinal fluid analysis in dogs with suspected idiopathic epilepsy

> SE Gilbert, TJ Cardy, S Bertram, F Taylor-Brown

6 Intra-thoracic gossypiboma (textiloma) in a 6-year-old cocker spaniel

N Reeda, M Goslinga

11 Severe metabolic acidosis due to acetazolamide intoxication in a dog

L Johnston, E Leister, L Singera

15 Occurrence of pulsus alternans during anaesthesia of two dogs and one cat and its treatment

D Nicholls, C Adami, P Monticelli

PRODUCTION ANIMALS

20 Serological status of cattle to bovine viral diarrhoea virus and bovine herpesvirus 1 at entry to and exit from Australian feedlot backgrounding facilities

PMV Cusack, EL Bergman, KE Hay, JM Morton

24 Health and production effects of killed vaccines against Mannheimia haemolytica, bovine viral diarrhoea virus and bovine herpesvirus 1, in locally backgrounded feedlot cattle

> PMV Cusack, EL Bergman, KE Hay, JM Morton

32 Impacts of major health conditions affecting the Australian sheepmeat value chain: a review

E Dal Grande, C Caraguel, SJ Lee, TD Nielsen

40 Marking to weaning production aspects of lambs provided with NSAID analgesia compared with lambs receiving no analgesia at the time of elastrator ring marking

> AH Small, S Belson, H Brewer, SM Schmoelzl

44 Investigation of Johne's disease in Tasmanian fallow deer (Dama dama)

RB Jackson, DJ Kennedy, ESG Sergeant

AQUATIC

46 The use of echocardiography as a health assessment tool in green sea turtles (Chelonia mydas)

> DT March, K Marshall, G Swan, T Gerlach, H Smith, D Blyde, E Ariel, L Christidis, BP Kelaher

OBITUARIES

Alan David Donald AM BVSc PhD MANZCVS FASP FRSB (UK) FTSE

N Sangster

57 **Michael Desmond Connole** 1927 - 2020

J. S. Gibson, P. J. Blackall

CORRIGENDUM

59 Beths T, Munn R, Bauquier SH, Mitchell P, Whittem T

AVA KNOWLEDGE

January/February quiz 2021

CORPORATE SUPPORTERS

Platinum Affinity partner



Platinum supporters





Platinum Education supporter



Gold Finance partner



Gold supporters







Silver supporters







Associate Editors

S Bailey: Equine

S Bauquier: Anaesthesia, neuroscience, surgery

S Beetson: Clinical pathology; Laboratory diagnostics

VETERINARY

JOURNAL

P Bennett: Oncology

V Brookes: Epidemiology, emerging

& zoonotic diseases

G Browning: Microbiology B Carmel: Laboratory animal medicine, Wildlife, Zoo animals

D Clarke: Dentistry R Cobbold: Public health

R Cutler: Pigs

J Gilkerson: Equine, Microbiology

J Hill: Reproduction

P Irons: Reproduction

A Jackson: Reproduction

R Johnson: Wildlife, exotic animals

The Australian Veterinary Journal is the official journal

of the Australian Veterinary Association Ltd (AVA), First published in 1925, it is produced 11 times a year, and distributed to members of the AVA.

R Kinobe: Pharmacology

J Larsen: Sheep

P Loukopoulos: Pathology

A Meredith: Wildlife, exotic animals

S Raidal: Equine

N Sangster: Parasitology

E Sergeant: Epidemiology P Thomber: Animal welfare

J Vaughan: Alpacas

ABN 63 008 522 852 ISSN 0005-0423

Editor In Chief David S. Beggs editor@ava.com.au Tel: +61 2 9431 5003

AVA President wick Vale

AVA Board

AVA BOATG Bob Doneley, Nicholas Sangster, Julia Crawford, Sally Colgan, Alan Guilfoyle, Bronwyn Orr, David Petersen, Meredith Flash

Chief Executive Officer

AVA National Office 40/6 Herbert Street, St Leonards NSW 2065 Tel: +61 2 9431 5000 www.ava.com.au

The Australian Veterinary Journal welcomes original contributions, including articles, short contributions, reviews, case series, diagnostic exercises a letters on all aspects of veterinary science. All articles are peer reviewed and the journal reserves the right to reject any manuscript. For instructions of case and the properties of the products advertised.