Ethically challenging situations that may arise in shelter, pound, animal rescue or animal welfare organisation settings for veterinarians, animal health technicians and veterinary nurses – Full Paper

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As the work presented at Getting 2 Zero forms part of a body of work that will be submitted for publication towards my PhD. I have not provided a complete draft here. If you have questions about methodology, please email anne.fawcett@sydney.edu.au

#### Introduction

Ethically challenging situations, also referred to as ethical or moral dilemmas, are common in veterinary settings (Batchelor and McKeegan 2012, Crane, Phillips et al. 2015, Kipperman, Morris et al. 2018, Moses, Malowney et al. 2018) and may cause moral stress or moral distress.

Moral distress has been defined as 'The experience of psychological distress that results from engaging in, or failing to prevent, decisions or behaviours that transgress, or come to transgress, personally held moral or ethical beliefs' (Crane, Bayl-Smith et al. 2013). In other words, moral stress is said to occur when one knows the "right" thing to do, but is unable to act due to external or organisational constraints. The term first emerged in the human nursing literature, but was first used in the veterinary literature to describe the unique stressors experienced by those working in shelters (Rollin 1986), especially in relation to the destruction of healthy or treatable animals. He later explained:

"...this kind of stress grows out of the radical conflict between one's reasons for entering the field of animal work, and what one in fact ends up doing... imagine the psychological impact of constant demands to kill healthy animals for appalling reasons: 'the dog is too old to run with me anymore; we have redecorated, and the dog no longer matches the colour scheme; it is cheaper to get another dog when I return from vacation than to pay the fees for a boarding kennel', and, most perniciously, 'I do not wish to spend the money on the procedure you recommend to treat the animal' or 'it is cheaper to get another dog'" (Rollin 2011).

This type of stress may lead to high turnover. One reason cited for leaving employment by veterinarians and veterinary nurses is a perceived lack of alignment between one's personal values and the values in one's workplace(Page-Jones and Abbey 2015).

Even more concerningly, veterinarians, animal health technicians and veterinary nurses are occupational groups at risk of psychological distress, suicidal ideation and suicide(Gardner and Hini 2006, Cohen 2007, Bartram and Baldwin 2008, Hansez, Schins et al. 2008, Bartram, Yadegarfar et al. 2009, Bartram and Baldwin 2010, Platt, Hawton et al. 2010, Black, Winefield et al. 2011, Hatch, Winefield et al. 2011, Platt, Hawton et al. 2012, Wallace 2014, Crane, Phillips et al. 2015, Milner, Niven et al. 2015, Scotney, McLaughlin et al. 2015, Deacon and Brough 2017, Lloyd and Campion 2017, Wallace 2017, Polachek and Wallace 2018). It has been argued that stress arising from ethically challenging situations may contribute to mental health related morbidity and mortality in veterinary professionals(Rollin 2011).

Types of ethically challenging situations that may arise in shelter, pound, animal rescue or animal welfare organisation settings for veterinarians, animal health technicians and veterinary nurses

As part of my research for my PhD, I compiled hypothetical ethically challenging situations published in veterinary, technician and nursing journals as well as veterinary, technician and nursing textbooks on ethics. All scenarios were read by the first author. Scenarios containing

a reference to "shelter", "pound", "rescue", "animal welfare organisation" and/or "charity" were flagged for in-depth review.

In total, from a pool of 675 relevant hypothetical ethically challenging scenarios from literature spanning 29 years, I flagged for in-depth review 34 scenarios that made a reference to "shelter", "pound", "rescue", "animal welfare organisation" and/or "charity". Thus ethically challenging situations based in shelter, pound, animal rescue or animal welfare organisation settings represented 5 per cent of hypothetical ethical scenarios published.

Most of these scenarios were written from the perspective of veterinarians or veterinary practice owners (18/34) or an unspecified staff member (11/34), with fewer written from the perspective of veterinary nurses or animal health technicians (3/34), students (1/34) or educators (1/34).

The types of ethically challenging situations encountered by veterinarians, animal health technicians and veterinary nurses in shelter, pound, animal rescue or animal welfare organisation settings discussed in published hypothetical ethically challenging scenarios are outlined in Table 1.

Table 1. Types of ethically challenging situations encountered by veterinarians, animal health technicians and veterinary nurses in shelter, pound, animal rescue or animal welfare organisation settings discussed in published hypothetical ethically challenging scenarios

Source/s	Ethically challenging situations
(Rollin 2004) (Rollin 2015) (Rosenberg 2015)	Is it acceptable to rehome shelter/pound/rescue/animal welfare organisation animals to less than ideal homes (if humane killing is the alternative)?
(Rollin 2012) (Rosenberg 2015)	Is it acceptable for those with financial means to take advantage of low- cost procedures offered by shelter/pound/rescue/animal welfare organisation facilities?
(Green 2007) (Mullan and Fawcett 2017)	Can a shelter/pound/rescue/animal welfare organisation make provision of low-cost surgery conditional upon performing surgical neutering/spaying?
(Ashall 2014)	When is it acceptable for a "no-kill" shelter to humanely kill or euthanase animals? What if it transitions to an open-admission policy?
(Brown 2016)	Is it acceptable for a shelter/rescue/pound/animal welfare organisation facility to perform legal cosmetic surgeries on animals? (for example, tail-docking or ear-cropping where this is legal)
(Brown 2016)	Should you refuse to perform a procedure against your beliefs if another veterinarian will perform the procedure anyway?
(Coghlan 2018)	Should a shelter/pound/rescue/animal welfare organisation veterinarian humanely kill an aggressive animal (surrendered for this reason) if an experienced owner is willing to provide a suitable home?
(Fawcett and Brailey 2012)	Should shelter/pound/rescue/animal welfare organisations humanely kill asymptomatic animals that are seropositive for an infectious disease?
(Fawcett and Chadwick 2018)	Should shelter/pound/rescue/animal welfare organisation staff manipulate perceived irresponsible owners into surrendering treatable or rehome-able animals?
(Fordyce 2017)	Should shelter/pound/rescue/animal welfare organisation staff members or students adopt animals to facilitate treatment if owners cannot afford to treat?

(Goeree and	Should a private practice veterinarian perform a procedure if an animal
Rollin 2008)	was rehomed by a shelter/pound/rescue/animal welfare on the condition
	that this procedure is not performed? (example: declawing where legal)
(McNeil and	Should you follow a shelter/pound/rescue/animal welfare organisation
Rollin 2012)	policy if the letter of that policy would necessitate the destruction of an
,	animal you personally do not believe should be destroyed?
(Mills 2016)	Should a shelter/pound/rescue/animal welfare organisation perform a
	simple treatment in an unhandleable animal (example: feral kitten).
(Mullan 2006)	Should you conscientiously object to spaying a pregnant female if it
(	would prevent the animal and her offspring from being admitted to a
	shelter/pound/rescue/animal welfare organisation?
(Mullan and	Is the use of cadavers sourced from shelter/pound/rescue/animal welfare
Fawcett 2017)	
rawcell 2017)	organisations for teaching ethical if the animals were euthanased for
/Mullon and	other reasons?
(Mullan and	Should students gain experience working with
Fawcett 2017)	shelter/pound/rescue/animal welfare organisations that may not operate
	ethically?
(Mullan and	Should shelter/pound/rescue/animal welfare organisation animals be
Fawcett 2017)	able to be used as source animals for organ transplantation if their
	adoption is thus guaranteed?
(Mullan and	Is animal death, if brought about humanely, a welfare issue?
Fawcett 2017)	
(Mullan and	How should intractable suffering be managed in
Fawcett 2017)	shelter/pound/rescue/animal welfare organisation settings where
Í	euthanasia is not permitted?
(Roberts and	To what extent, if any. should private veterinary practices perform low- or
Rollin 2003)	no- cost work for shelter/pound/rescue/animal welfare organisations?
(Rosenberg	Should veterinarians seek to influence shelter/pound/rescue/animal
2015)	welfare organisation adoption policies on animal welfare grounds?
(Rollin 2011)	How do veterinarians manage cases where an animal welfare
,	organisation complains about the welfare of an animal under their
	treatment?
(Rollin 2013)	Should veterinarians provide low-cost veterinary care to dogs and cats
(11011111 = 010)	on farms that would otherwise receive no care?
(Rollin 2016)	Should shelter/pound/rescue/animal welfare organisation veterinarians
(11011111 2010)	be held to account for a missed or misdiagnosis if required to provide
	care on a shoestring budget?
(Rosenberg	Should a veterinarian humanely kill an animal that would likely be
2013)	accepted by a shelter/pound/rescue/animal welfare organisation for
2013)	rehoming, to honour a client's wish?
(Posonboro	
(Rosenberg	Is a veterinary practice responsible for negative comments about
(Basenbarg	organisations linked to on its site?
(Rosenberg	Are shelter/pound/rescue/animal welfare organisations or private
2017)	practice veterinarians responsible for misadventure/escape of an animal
(5)	rehomed to a client in an insecure carrier?
(Rosenberg	Should an employee be restricted from protesting about animal welfare
2017)	issues pertaining to neighbouring businesses?
(Walsh 2016)	How should one respond when employees badmouth
	shelter/pound/rescue/animal welfare organisation volunteers to
	colleagues who are hiring?

A number of approaches to navigating ethically challenging situations have been described, most of which involve identifying stakeholders (those impacted by decisions), gathering available data and evidence, and applying one or more ethical frameworks(Mullan and Fawcett 2017). Because these involve discussion, all members of the team have an opportunity to discuss their concerns.

It may not be possible to discuss ethically challenging situations before they are resolved, but discussions may focus on how such a situation could or would be managed differently.

# Example 1:

Ethically challenging situation:

Is it acceptable to rehome shelter/pound/rescue/animal welfare organisation animals to less than ideal homes (if humane killing is the alternative)? (Rollin 2004, Rollin 2015, Rosenberg 2015)

#### Stakeholders:

- Animals housed in shelters/pounds/rescue or animal welfare organisations
- Staff at these organisations
- Potential adopters
- The community
- The environment (including wildlife)

Framework: David Fraser's "practical" ethic for animals

David Fraser's practical ethic is based on four principles:

- 1. "To provide good lives for animals in our care
- 2. To treat suffering with compassion
- 3. To be mindful of unseen harm
- 4. To protect the life sustaining processes and balances of nature" (Fraser 2012)

What data or evidence should we consider?

- 1. What is a "good life" for the animals in our care? Which welfare needs can be met in their current setting? Which can be met in the "less than ideal" homes? How many animals does the shelter admit? What is the admission policy? How many animals does the shelter rehome? What is the average length of stay? What is the impact of the length of stay on the animals' welfare?
- 2. To what degree may animals suffer in their current setting? To what degree may they suffer in "less than ideal" homes? To what degree can that suffering be prevented by strategies, for example education, resources? To what extent are staff suffering? To what extent do persons who wish to adopt animals suffer if they cannot adopt animals? To what extent do community member suffer if animals are housed in less than ideal homes? (e.g. nuisance behaviour of animals, escape, failure to clean up after animals).
- 3. What are the potential harms of rehoming animals to less than ideal homes? (e.g. increase in nuisance or cruelty complaints). What are the potential harms of rehoming animals only to ideal or close to ideal homes? (e.g. increase in length of stay and reduced adoptability of animals; limited intake or stretching beyond capacity to care).
- 4. What are the potential environmental impacts of stray and unwanted animals? What are the potential environmental impacts of animals owned by "less than ideal" owners

(including impacts on wildlife)? What is the environmental impact of the shelter and how might these be altered if the approach to adopting is varied?

# Example 2:

Ethically challenging situation:

Is it acceptable for those with financial means to take advantage of low-cost procedures offered by shelter/pound/rescue/animal welfare organisation facilities? (Rollin 2012) (Rosenberg 2015)

## Stakeholders:

- Animal patients
- Staff at organisations offering low-cost procedures
- Private veterinary practice owners
- Pet owners with financial means
- Pet owners without financial means
- The community
- The environment

Framework: utilitarian (seeking the greatest benefit for the greatest number of stakeholders)/cost benefit analysis(Mullan and Fawcett 2017).

What factors should be considered?

I've outlined an example table of possible costs and benefits for each stakeholder below. It is important to discuss which consequences are most significant, and which are most likely, given the available evidence (this might include shelter statistics including client demographics) and financial statements.

Table 2. Potential costs and benefits of allowing those with financial means to take advantage of low-cost procedures

Possible costs	Possible benefits
If there are too many	May be more likely to have
. •	necessary procedures due to
rushed surgery	lower cost barrier, and
	therefore enjoy better
If low-cost procedures performed by less	health/welfare
experienced vets, may	Owners with means may
•	have more funds to invest in
	other welfare needs e.g.
recovery	food, flea and tick
	prophylaxis etc.
	Higher case load may
increased case load	increase experience/skill set
Owners with means may	Exposure of organisation
	and good work to clients with means may attract potential
organisations can provide	volunteers/supporters/donors
	If there are too many demands, longer wait/more rushed surgery  If low-cost procedures performed by less experienced vets, may increase risk of surgical morbidity, mortality, delay recovery  May have to cope with increased case load  Owners with means may expect higher standard of care than some

	May be utilising funds to subsidise procedures that are needed elsewhere  Servicing clients with means may not be the mission of these organisations	
Private veterinary practice owners	May feel prices are undercut by low-cost services, may lose potential income  May be less likely to support these organisations if seen as competition  May experience reduced case load and thus reduced experience	May have time freed to perform more advanced care  Clients who are familiar with a spectrum of care may appreciate private practice more  May have reduced moral stress/distress if there is somewhere to refer clients with limited financial means which may outweigh costs of lost opportunities to treat patients owned by clients with financial means`
Pet owners with limited financial means	May have to compete with clients with financial means in terms of availability of services  Clients with means may drive up costs of low-cost facilities	May benefit from improved services if clients with financial means support low-cost care providers
The community	May not have access to as many private veterinary services if they are not well supported	May still benefit overall from widely available accessible care as this may improve health and welfare of all owned animals, for example by normalising neutering/spaying or providing veterinary care
The environment		Clients who are cost conscious may be more likely to have pets neutered or spayed, thus less stray/unwanted/roaming animals

These issues can be discussed among stakeholders. Some consequences may be more significant, or more likely to occur, than others.

# Where to from here?

As part of my PhD research I plan to survey veterinarians, animal health technicians and veterinary nurses about the types of ethically challenging situations they encounter. This

information will be helpful in planning curricula and training, to better equip those working in the veterinary profession to cope with the most common and most stressful ethically challenging situations.

If certain ethically challenging situations occur repeatedly, it can be useful to develop policies to address these.

A number of interventions have been trialled to reduce moral stress and distress. Allowing people to raise ethical concerns may be an opportunity to address those concerns, correct any misconceptions, consider all options and allow everyone's voices to be heard (Fordyce 2017, Camp and Sadler 2019). The formation of an ethics committee may be possible in some settings (Rosoff, Moga et al. 2018). Alternatively, ethics rounds may provide a helpful forum to discuss and devise strategies for navigating ethically challenging situations (Svantesson, xf et al. 2008, Watts, Parker et al. 2013, Silén, Ramklint et al. 2014).

The first author will pilot ethics rounds as part of her PhD research, to determine if this is helpful and whether it improves ethical reasoning.

If you are interested in learning more about this project, please contact me: anne.fawcett@sydney.edu.au

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### Reference list

Ashall, V. (2014). "Everyday ethics: Euthanasia in a no-kill shelter." <u>In Practice</u> **36**(9): 478. Bartram, D. J. and D. S. Baldwin (2008). "Veterinary surgeons and suicide: influences, opportunities and research directions." <u>Vet Rec</u> **162**(2): 36-40.

Bartram, D. J. and D. S. Baldwin (2010). "Veterinary surgeons and suicide: a structured review of possible influences on increased risk." <u>Veterinary Record</u> **166**(13): 388-397.

Bartram, D. J., G. Yadegarfar and D. S. Baldwin (2009). "Psychosocial working conditions and work-related stressors among UK veterinary surgeons." <u>Occup Med (Lond)</u> **59**(5): 334-341.

Batchelor, C. E. M. and D. E. F. McKeegan (2012). "Survey of the frequency and perceived stressfulness of ethical dilemmas encountered in UK veterinary practice." <u>Veterinary Record</u> **170**(1): 19-U55.

Black, A. F., H. R. Winefield and A. Chur-Hansen (2011). "Occupational Stress in Veterinary Nurses: Roles of the Work Environment and Own Companion Animal." <u>Anthrozoos</u> **24**(2): 191-202.

Brown, R. (2016). "Everyday ethics: When in Rome." In Practice 38(1): 46.

Camp, M. and J. Sadler (2019). "Moral distress in medical student reflective writing." <u>AJOB Empir</u> <u>Bioeth</u> **10**(1): 70-78.

Coghlan, S. (2018). "Everyday ethics: Dealing with dogs that bite." <u>In Practice</u> **40**(10): 470. Cohen, S. P. (2007). "Compassion fatigue and the veterinary health team." <u>Veterinary Clinics of North America-Small Animal Practice</u> **37**(1): 123-+.

Crane, M., P. Bayl-Smith and J. Cartmill (2013). "A Recommendation for Expanding the Definition of Moral Distress Experienced in the Workplace." <u>Australasian Journal of Organisational Psychology</u> **6**. Crane, M. F., J. K. Phillips and E. Karin (2015). "Trait perfectionism strengthens the negative effects of moral stressors occurring in veterinary practice." <u>Australian Veterinary Journal</u> **93**(10): 354-360.

Deacon, R. E. and P. Brough (2017). "Veterinary nurses' psychological well-being: The impact of patient suffering and death." <u>Australian Journal of Psychology</u> **69**(2): 77-85.

Fawcett, A. and J. Brailey (2012). "Everyday ethics: Are you positive? the fate of a shelter cat." <u>In Practice</u> **34**(10): 614-615.

Fawcett, A. and M. Chadwick (2018). "Everyday ethics: Clients who cannot afford to pay." <u>In Practice</u> **40**(1): 38.

Fordyce, P. (2017). "Everyday ethics: When the client cannot pay." In Practice 39(3): 142-U180.

Fordyce, P. S. (2017). "Welfare, law and ethics in the veterinary intensive care unit: (A discussion of the different types of suffering that patients may endure in the veterinary intensive care unit, the legal limits to that suffering, and the ethics underpinning at what point that suffering becomes 'unnecessary')." <u>Veterinary Anaesthesia and Analgesia</u> **44**(2): 203-211.

Fraser, D. (2012). "A "Practical" Ethic for Animals." <u>Journal of Agricultural & Environmental Ethics</u> **25**(5): 721-746.

Gardner, D. H. and D. Hini (2006). "Work-related stress in the veterinary profession in New Zealand." N Z Vet J **54**(3): 119-124.

Goeree, G. and B. E. Rollin (2008). "Veterinary Medical Ethics Ethical Question of the Month January 2008." The Canadian Veterinary Journal **49**(1): 15-16.

Green, R. (2007). "Everyday ethics: charity's stance on hereditary defects." <u>In Practice</u> **29**(10): 624. Hansez, I., F. Schins and F. Rollin (2008). "Occupational stress, work-home interference and burnout among Belgian veterinary practitioners." <u>Irish Veterinary Journal</u> **61**(4): 233-241.

Hatch, P. H., H. R. Winefield, B. A. Christie and J. J. Lievaart (2011). "Workplace stress, mental health, and burnout of veterinarians in Australia." <u>Australian Veterinary Journal</u> **89**(11): 460-468.

Kipperman, B., P. Morris and B. Rollin (2018). "Ethical dilemmas encountered by small animal veterinarians: characterisation, responses, consequences and beliefs regarding euthanasia." Veterinary Record.

Lloyd, C. and D. P. Campion (2017). "Occupational stress and the importance of self-care and resilience: focus on veterinary nursing." <u>Irish Veterinary Journal</u> **70**.

McNeil, M. and B. E. Rollin (2012). "Veterinary Medical Ethics Ethical Question of the Month September 2012." <u>The Canadian Veterinary Journal</u> **53**(9): 919-922.

Mills, D. (2016). "Everyday ethics: Too feral to save?" In Practice 38(4): 198.

Milner, A. J., H. Niven, K. Page and A. D. LaMontagne (2015). "Suicide in veterinarians and veterinary nurses in Australia: 2001–2012." <u>Australian Veterinary Journal</u> **93**(9): 308-310.

Moses, L., M. J. Malowney and J. Wesley Boyd (2018). "Ethical conflict and moral distress in veterinary practice: A survey of North American veterinarians." <u>Journal of Veterinary Internal Medicine</u> **0**(0).

Mullan, S. (2006). Introduction to ethical principles. <u>Ethics, Law and the Veterinary Nurse</u>. S. Pullen and C. Gray. Oxford, Butterworth Heinemann Elsevier.

Mullan, S. and A. Fawcett (2017). Animal Death. <u>Veterinary Ethics: Navigating Tough Cases</u>. S. Mullan and A. Fawcett. Sheffield, UK, 5M: 71-108.

Mullan, S. and A. Fawcett (2017). Education and Training. <u>Veterinary Ethics: Navigating Tough Cases</u>. S. Mullan and A. Fawcett. Sheffield, UK, 5M: 327-366.

Mullan, S. and A. Fawcett (2017). Veterinary Ethics: Navigating Tough Cases. UK, 5M.

Mullan, S. and A. Fawcett (2017). Veterinary Treatment. <u>Veterinary Ethics: Navigating Tough Cases</u>. S. Mullan and A. Fawcett. Sheffield, UK, 5M: 155-196.

Page-Jones, S. and G. Abbey (2015). "Career identity in the veterinary profession." <u>Veterinary Record</u> **176**(17).

Platt, B., K. Hawton, S. Simkin and R. J. Mellanby (2010). "Systematic review of the prevalence of suicide in veterinary surgeons." <u>Occupational Medicine</u> **60**(6): 436-446.

Platt, B., K. Hawton, S. Simkin and R. J. Mellanby (2012). "Suicidal behaviour and psychosocial problems in veterinary surgeons: a systematic review." <u>Social Psychiatry and Psychiatric Epidemiology</u> **47**(2): 223-240.

Polachek, A. J. and J. E. Wallace (2018). "The paradox of compassionate work: a mixed-methods study of satisfying and fatiguing experiences of animal health care providers." <u>Anxiety, Stress, & Coping</u> **31**(2): 228-243.

Roberts, D. and B. E. Rollin (2003). "An ethicist's commentary on veterinarians treating unowned animals and euthanizing unwanted animals." <u>The Canadian veterinary journal = La revue veterinaire canadienne</u> **44**(5): 363-364.

Rollin, B. E. (1986). "Euthanasia and moral stress." Loss, Grief & Care 1(1-2): 115-126.

Rollin, B. E. (2004). "An ethicist's commentary on placing animals in less-than perfect homes." <u>The Canadian veterinary journal = La revue veterinaire canadienne</u> **45**(4): 291-292.

Rollin, B. E. (2011). "Euthanasia, Moral Stress, and Chronic Illness in Veterinary Medicine." <u>Veterinary Clinics of North America-Small Animal Practice</u> **41**(3): 651-659.

Rollin, B. E. (2011). "Veterinary Medical Ethics Ethical Question of the Month August 2011." <u>The Canadian Veterinary Journal</u> **52**(8): 823-826.

Rollin, B. E. (2012). "Veterinary Medical Ethics Ethical Question of the Month April 2012." <u>The Canadian Veterinary Journal</u> **53**(4): 345-346.

Rollin, B. E. (2013). "Veterinary Medical Ethics Ethical Question of the Month June 2013." <u>The Canadian Veterinary Journal</u> **54**(6): 531-532.

Rollin, B. E. (2015). "Veterinary Medical Ethics Ethical question of the month — April 2015." <u>The Canadian Veterinary Journal</u> **56**(4): 327-332.

Rollin, B. E. (2016). "Veterinary Medical Ethics Ethical question of the month — August 2016." <u>The Canadian Veterinary Journal</u> **57**(8): 813-815.

Rosenberg, M. (2013). "Refusing to euthanize a healthy pet." <u>DVM360 Magazine</u> 1 June. Retrieved 16 January, 2019, from <a href="http://veterinarynews.dvm360.com/refusing-euthanize-healthy-pet">http://veterinarynews.dvm360.com/refusing-euthanize-healthy-pet</a>.

Rosenberg, M. (2014). "Facebook fallout: Comments spark conflict between veterinarians." <u>DVM360 Magazine</u> 1 June. Retrieved 16 January, 2019, from <a href="http://veterinarynews.dvm360.com/facebook-fallout-comments-spark-conflict-between-veterinarians">http://veterinarynews.dvm360.com/facebook-fallout-comments-spark-conflict-between-veterinarians</a>.

Rosenberg, M. (2015). "Do pets belong with parolees?" <u>DVM360 Magazine</u> 15 December. Retrieved 17 January, 2019, from <a href="http://veterinarynews.dvm360.com/do-pets-belong-with-parolees">http://veterinarynews.dvm360.com/do-pets-belong-with-parolees</a>.

Rosenberg, M. (2015). "Nonprofit veterinary clinics: When price trumps loyalty." <u>DVM360 Magazine</u> 21 October. Retrieved 17 January, 2019, from <a href="http://veterinarynews.dvm360.com/nonprofit-veterinary-clinics-when-price-trumps-loyalty?pageID=1">http://veterinarynews.dvm360.com/nonprofit-veterinary-clinics-when-price-trumps-loyalty?pageID=1</a>.

Rosenberg, M. (2017). "Big game, big protest and bigger consequences." <u>DVM360 Magazine</u> 19 September. Retrieved 17 January, 2019, from <a href="http://veterinarynews.dvm360.com/big-game-big-protest-and-bigger-consequences">http://veterinarynews.dvm360.com/big-game-big-protest-and-bigger-consequences</a>.

Rosenberg, M. (2017). "Doing good deeds in your clinic? Here's a cautionary tale." <u>DVM360</u> <u>Magazine</u> 4 October. Retrieved 17 January, 2019, from <a href="http://veterinarynews.dvm360.com/doing-good-deeds-your-clinic-here-s-cautionary-tale">http://veterinarynews.dvm360.com/doing-good-deeds-your-clinic-here-s-cautionary-tale</a>.

Rosoff, P. M., J. Moga, B. Keene, C. Adin, C. Fogle, R. Ruderman, H. Hopkinso and C. Weyhrauch (2018). "Resolving Ethical Dilemmas in a Tertiary Care Veterinary Specialty Hospital: Adaptation of the Human Clinical Consultation Committee Model." Am J Bioeth **18**(2): 41-53.

Scotney, R. L., D. McLaughlin and H. L. Keates (2015). "A systematic review of the effects of euthanasia and occupational stress in personnel working with animals in animal shelters, veterinary clinics, and biomedical research facilities." <u>Journal of the American Veterinary Medical Association</u> **247**(10): 1121-1130.

Silén, M., M. Ramklint, M. G. Hansson and K. Haglund (2014). "Ethics rounds: An appreciated form of ethics support." <u>Nursing Ethics</u> **23**(2): 203-213.

Svantesson, M., xf, R. fmark, Thors, xe, H. n, K. Kallenberg, Ahlstr, xf and G. m (2008). "Learning a Way through Ethical Problems: Swedish Nurses' and Doctors' Experiences from One Model of Ethics Rounds." <u>Journal of Medical Ethics</u> **34**(5): 399-406.

Wallace, J. E. (2014). "The downs: what stresses veternarians and AHTs out." <u>Alberta Veterinary Medicine Association Member's Magazine</u>(July/August 2014): 17-19.

Wallace, J. E. (2017). "Burnout, coping and suicidal ideation: An application and extension of the job demand-control-support model." <u>Journal of Workplace Behavioral Health</u> **32**(2): 99-118.

Walsh, J. (2016). Hiring in a Close Community. <u>Exploring the Gray Zone</u>. C. V. Tran, A. DeSantis Kerr, R. Bill and J. S. Walsh, Purdue University Press: 109-112.

Watts, L., L. Parker and H. Scicluna (2013). "Rural Ethics Ward Rounds: Enhancing medical students' ethical awareness in rural medicine." <u>Australian Journal of Rural Health</u> **21**(2): 128-129.