**COVID-19 discussions in small animal practice**

Rebecca Littlehales 1, PJ M. Noble 1, David A. Singleton 2, Gina L. Pinchbeck 2 and Alan D. Radford 2.

University of Liverpool, Institutes of 1 Veterinary Science and 2 Infection and Global Health, Leahurst Campus, Chester High Road, Neston, S. Wirral, CH64 7TE, UK.

The COVID-19 pandemic has affected all aspects of society. In April, the Royal College of Veterinary Surgeons and British Veterinary Association produced guidelines for practitioners to help define emergencies, and suggesting a transition to telemedicine where possible. These changes led to profound reductions in veterinary consultations (Singleton et al, 2020). Here we summarise discussions about COVID-19 recorded in consultation narratives, as a novel way to further assess impacts on veterinary care.

De-identified health narratives containing the term “COVID” were obtained from the Small Animal Veterinary Surveillance Network (SAVSNET), a sentinel network of UK veterinary practices. The resulting 648 consultations were read and categorised.

Most (63%) related to practical issues associated with social distancing, including telemedicine consultations involving remote prescription of previously prescribed medications (n=332), and practical issues of clients attending the practice while maintaining effective social distancing (n=74).

Twenty-nine percent of consultations related to changes that might impact animal health or welfare (see table).

Table: Description of consultations (n=188) where changes associated with COVID-19 might impact animal health and welfare.

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| Context of discussion (number) | Most common specific issues discussed |
| Delayed investigation or referral (n=39). | Pruritic skin/ear disease (n=9), orthopaedic (n=7), masses (n=7), ophthalmology (n=3). |
| Vaccinations (n=37). | Mostly delayed. |
| Delayed monitoring/blood tests for long-term conditions (n=22). | Endocrinopathies (n=8), orthopaedic/mobility issues (n=5) and cardiology (n=4). |
| Prescribing a different or longer course of treatment (n=21). | Longer courses of analgesia (n=4) or antibiotics (n=1), use of different remotely prescribed treatments to avoid patients visiting the practice (n=6) and avoiding changing drug doses (n=3). |
| Delayed dental (n=17). |  |
| Delayed neutering (n=13). |  |
| Change in household routine possibly impacting animal health (n=14). | Cystitis (n=4), overgrooming (n=3), increased seizure frequency (n=1), stress-induced anorexia (n=2), inappropriate urination (n=1) and lameness from increased activity (n=1). |
| Impact on animal health due to other services being cancelled (n=11). | Grooming (n=4), behaviourists (n=3), physiotherapists/chiropractors (n=3) and hydrotherapy (n=1). |

Only a single consultation related to owner concerns that their animal may contract COVID-19, despite significant media coverage suggesting this might be possible.

Whilst these observations are likely to underestimate the true impact of COVID-19 on veterinary care, they highlight some of the unique challenges faced by practitioners and owners during ‘lockdown’. As in human health care, there will be a gradual need to return to routine health consultations to minimise the risks of, for example, vaccine-preventable disease (Santoli et al., 2020) and poor socialisation. We hope these observations can help prioritise efforts to mitigate any longer term-implications of COVID-19 lockdown on animal welfare (Gortazar and de la Fuente, 2020). We are extremely grateful to practices participating in SAVSNET without whom such studies would be impossible.

References

Gortázar C, de la Fuente J. COVID-19 is likely to impact animal health [published online ahead of print, 2020 May 15]. *Prev Vet Med.* DOI:10.1016/j.prevetmed.2020.105030

Santoli JM, Lindley MC, DeSilva MB, et al. Effects of the COVID-19 Pandemic on Routine Pediatric Vaccine Ordering and Administration — United States, 2020. *MMWR Morb Mortal Wkly Rep* 2020;69:591–593. DOI: [http://dx.doi.org/10.15585/mmwr.mm6919e2external icon](http://dx.doi.org/10.15585/mmwr.mm6919e2).

Singleton, DA., Noble, P., Brant, B., Pinchbeck, GL., Radford, AD. (2020) Social distancing impact on companion animal practice. Veterinary Record 186, 607-608.