

## Covid-19: Are zoos and national parks doing enough to keep animals safe?<sup>1</sup>

Mid-day, 30<sup>th</sup> May 2021

Here are some of the latest efforts by zoos, national parks & animal pharma firms in India & outside to keep animals safe. A bio-security bubble has been created for the animals at Borivli's Sanjay Gandhi National Park as well as in other parks in Maharashtra, with only zoo keepers allowed in. With the scientific world in a better position after a year of living with the pandemic to negotiate it, veterinarians & zoo staff the world over are considering giving a vaccine to animals that may be susceptible to the infection. Russia, has rolled out the world's first animal-specific jab, Carnivac-Cov, after trials showed that it generates antibodies in dogs & cats. Indian Veterinary Research Institute (IVRI) is working to develop a vaccine, diagnostic kits & tools to study transmission dynamics of the Coronavirus in domestic pets & wild animals. Meanwhile, national parks & zoos in India are pulling out all stops to ensure their animals are safe.

## Partnership Highlights Veterinarian Role in Strengthening the Human-Companion Animal Bond<sup>2</sup>

Vetpol, June 2<sup>nd</sup> 2021

The Human Animal Bond Research Institute & WSAVA have partnered to highlight the importance of veterinary medicine to support strong, long-lasting human-companion animal bonds & to promote the health benefits of interacting with pets. Findings from a HABRI survey of pet owners demonstrate that veterinarians are seen as trusted resources on scientific information focused on the benefits of pet ownership.



## AAFP releases new feline End of Life Educational Toolkit<sup>3</sup>

DVM360, June 2<sup>nd</sup> 2021

The American Association of Feline Practitioners (AAFP) recently released a digital End of Life Educational Toolkit to help veterinary professionals facilitate a well-planned, peaceful & painless end-of-life transition for cats. "Successful end of life feline care is about more than just medicine; it is about creating a peaceful transition for our patients and their owners," says Wendy Simpson, DVM, AAFP task force chair, in an association release. According to the release, the easy-to-read toolkit explains how to best broach this difficult & often emotional conversation with cat owners. Additionally, the online tool is designed to ensure the cat feels minimal fear, anxiety & pain during the entire process & provides insight on each step of end-of-life care including the various areas of decision making in euthanasia.

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## STUDY

## Effect of pimobendan on physical fitness, lactate & echocardiographic parameters in dogs with preclinical mitral valve disease without cardiomegaly<sup>4</sup>

(Plos One, October 2019)

Pimobendan has gained enormous importance in the treatment of mitral valve disease in dogs. The current consensus statement of the ACVIM recommends a treatment for dogs with symptomatic disease & dogs with asymptomatic disease with radiographic & echocardiographic signs of cardiomegaly. To investigate whether these dogs also benefit from a therapy with pimobendan, 21 dogs with mitral valve disease ACVIM B1 underwent a standardized submaximal exercise test on a treadmill. In this double-blinded randomized study, the animals were divided into two groups, one receiving pimobendan & the other a placebo. At the first visit & at every follow-up appointment (at days 90 & 180), heart rate during the complete exercise test & lactate before & after running were measured. At day 180, the increase in lactate after exercise was significantly lower than in the placebo-group. The increase in the pimobendan-group at day 180 was lower than at day 90. **Most of the dog owners from the pimobendan-group declared that their dogs were more active at day 90 & at day 180, while most dog owners from the placebo-group observed no changes regarding activity at day 90 & day 180.** It can be concluded that the results of this study indicate that some dogs with mitral valve disease ACVIM B1 might benefit from a therapy with pimobendan.



Dose

**Pimoben-Solo 1.25**

1 tab BID for 5 to 10 kg BW

**Pimoben-Solo 5**

1 tab BID for 20 to 40 kg BW  
>40 kg: 2 tabs BID

Dose

**Pimoben1.25/2.5**

1 tab BID for 5 to 10 kg BW

**Pimoben 5/10**

1 tab BID for 20 to 40 kg BW  
>40 kg: 2 tabs BID



Dose

1 ml per 5 kg of body weight twice in a day

