

## Covid, anti-Rabies Vax can be taken on the same day

TOI, June 9<sup>th</sup> 2021

People who have received the Covid-19 vaccine & are bitten by a stray dog must also take an anti-rabies vaccine even if the schedules overlap, the Association for Prevention and Control of Rabies in India (APCRI) has clarified in an advisory issued on June 5th. The advisory comes in the wake of multiple queries on what a person must do if s/he is bitten by a dog post or prior Covid-19 vaccination.

## Conservative Low-Flow anaesthetic techniques could lead to reduced carbon footprint for veterinary practices<sup>2</sup>

Vetpol, June 4<sup>th</sup> 2021

Oxygen & inhaled anaesthetic agent consumption could be significantly reduced if anaesthetic procedures were audited & adapted, found a new study, published in the Journal of Small Animal Practice (JSAP). This in turn could lead to reduced greenhouse gas emissions & financial expenditure. The study "Sustainable veterinary anaesthesia: single centre audit of oxygen & inhaled anaesthetic consumption & comparisons to a hypothetical model", retrospectively reviewed the records of 100 consecutive anaesthetics at the Queen Mother Hospital for Small Animals, RVC, UK. Matt McMillan, corresponding author for the paper, said: "All inhaled anaesthetic agents are greenhouse gases & by reducing the fresh gas flows we use as much as possible, through the utilisation of rebreathing systems, we can reduce the amount of them released into the atmosphere. Obviously this is only one small part of a practice's environmental impact but it is a proportion that can be readily reduced in an effective, safe & practicable fashion."

## CBD Oil vs Hemp Oil<sup>3</sup>

Belfast, May 19<sup>th</sup> 2021

Even though they both come from an equivalent plant, hemp oil & CBD oil are two different products. The confusion may come from the very fact that what most people call "hemp oil" is hemp seed oil because it is extracted from the seeds of the plant. On the contrary, CBD oil uses the stalks, the leaves & therefore the flowers of the hemp plant within the extraction process. A derivative of the marijuana plant, the hemp seed oil is rich in omega-6 & omega-3 fatty acids, gamma-linolenic acid, B vitamins, vitamin D & other known antioxidants. Hemp oil can help improve skin conditions & fight gastrointestinal conditions.



## Vivaldis Corner

Vivaldis has launched a facebook group "Vivaldis Pet Club", a closed group community of Veterinarians, professionals from Veterinary industry & petparents across the globe to connect with each other to help pets and their problems. Join us by scanning the QR code



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## Bark Out ÷ Loud ÷

### STUDY

## Antioxidant Activity of Hemp (Cannabis sativa L.) Seed Oil in Drosophila melanogaster Larvae under Non-Stress and H2O2-Induced Oxidative Stress Conditions<sup>4</sup>

Antioxidants (Basel, Switzerland), May 22<sup>nd</sup> 2021

The oil extracted from hemp seeds has significant nutritional and biological properties due to the unique composition of polyunsaturated fatty acids and various antioxidant compounds. The potential of this oil for the prevention of oxidative stress and for the treatment of oxidative-stress-induced ailments is of increasing interest. We analyzed the effects of hemp seed oil on oxidative stress markers and on the life cycle of D.melanogaster under non-stress and hydrogen-peroxide-induced stress conditions. D.melanogaster larvae were exposed to hemp seed oil concentrations ranging from 12.5 to 125 µL/mL. **The high levels of linoleic and linolenic acids in the oil are suggested to be responsible for in vivo antioxidant effects. Taken together, the results show that hemp seed oil is effective for reducing oxidative stress at the cellular level, thus supporting the hypothesis. The obtained results point to the potential of hemp seed oil for the prevention and treatment of conditions caused by the action of ROS.**

## Skin & Coat - Hemp Chewstix

TASTY TREATS FOR HEALTHY SKIN & SHINY COAT WITH ACTIVE ORGANIC HEMP



### Daily Dose :

For cats & small dogs  
(more than 3 months of age)  
1-2 chews

For medium dogs  
2-3 chews

For large dogs  
3-4 chews