

SENIOR PET HEALTH CARE

Make Senior Easier



The first
**FOR DOGS,
FROM DOGS**
GI SUPPORT

Procanicare™

✓ **Procanicare is the only UK canine bacterial gastrointestinal support product to contain live bacteria originally isolated from the intestines of healthy dogs**

It has been demonstrated that adhesion of gastrointestinal (GI) bacteria to epithelial cells of the gut is host specific¹

✓ **Procanicare contains 3 live strains of *Lactobacillus* spp., proven to survive the canine upper gastrointestinal tract and reach the intestine alive and undamaged²**

Live bacteria in bacterial gut support products initiate activation of the host immune system without causing disease, and are capable of multiplying and therefore excluding pathogens via competitive mechanisms³

The *Lactobacillus* strains found in Procanicare modify the intestinal environment, having a positive effect on host indigenous *Lactobacillus* microbiota and decrease the presence of known pathogens via inhibition, displacement and competitive exclusion mechanisms unique to each strain⁴

✓ **In a prospective, randomised, double-blinded study in dogs, administering Procanicare *Lactobacillus* bacteria daily for 7 days was shown to⁵:**

- Improve stool consistency
- Reduce the number of pathogenic bacteria (*Clostridium perfringens* and wild-type *Enterococcus faecium*) in the gut
- Improve general well-being (good appetite, no vomiting and reduced discomfort)
- Accelerate recovery from GI upsets

✓ **As the first 'for dogs, from dogs' GI Support product in the UK, Procanicare™ is the superior choice for maintaining balance in a dog's intestinal microbiome, particularly when dysbiosis is a risk**

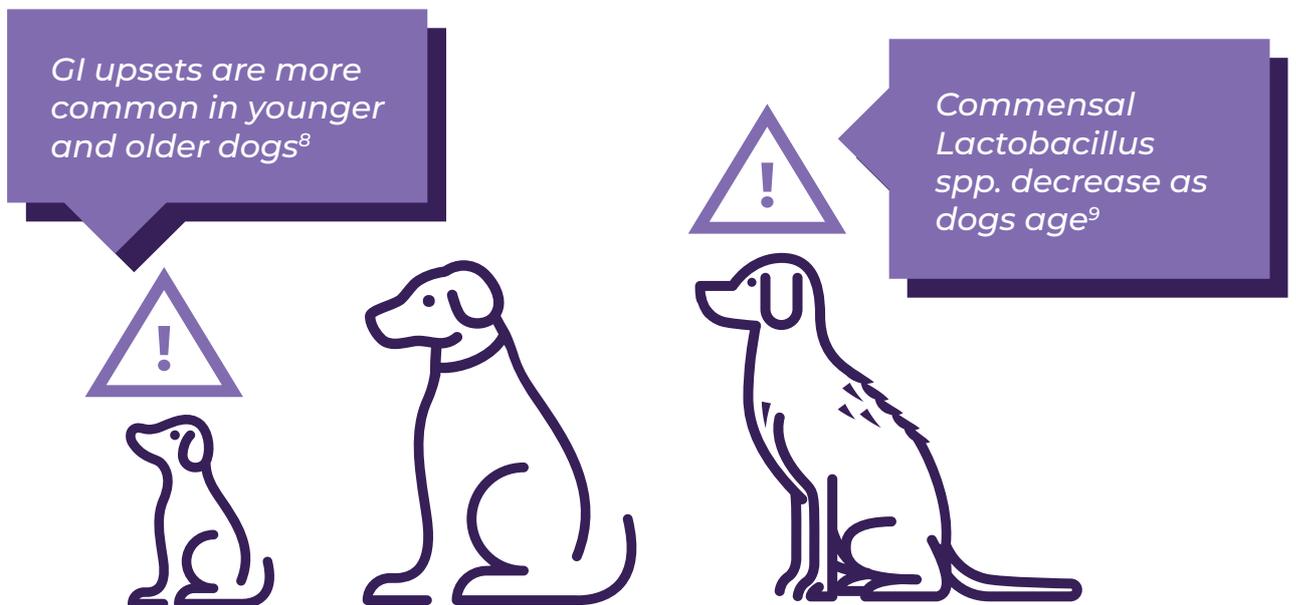
For maintaining general gastrointestinal health (particularly older dogs and those with GI sensitivities), administer Procanicare daily for 30 days, 4 times a year

THE INTESTINAL MICROBIOME

- Is essential in providing a commensal barrier against pathogenic bacteria and maintaining the integrity of the gut lining⁶
- Has influences across the body, including⁷:
 - Metabolic regulation
 - Immune regulation
 - Neurobehavioural traits
 - Bile acid metabolism
 - Vitamin synthesis
 - Other beneficial nutritional effects



Alterations to the intestinal microbiome (dysbiosis) frequently manifest clinically as diarrhoea⁶



References:

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3. Hill, C. et al. The International Scientific Association for Probiotics and Prebiotics consensus statement on the scope and appropriate use of the term probiotic Nat. Rev. Gastroenterol. Hepatol. 11, 506–514 (2014).
4. Grzeskowiak et al (2014) Pathogen exclusion properties of canine probiotics are influenced by the growth media and physical treatments simulating industrial processes. J Appl Microbia/. 116:1308-1314.
5. Gomez-Gallego.C. et al (2016) A canine-specific probiotic product in treating acute or intermittent diarrhea in dogs: A double-blind placebo-controlled efficacy study. Vet Microbial. 197:122-128.
6. Valdes AM, et al. Role of the gut microbiota in nutrition and health BMJ 2018; 361:j2179
7. Ziese, Intestinal Dysbiosis, Clinicians brief, Jan 2019
8. Pugh CA, et al. Incidence rates and risk factor analyses for owner reported vomiting and diarrhoea in Labrador Retrievers—findings from the Dogslife Cohort. Prev Vet Med. 2017;140:19–29
9. Masuoka H, et al. Transition of the intestinal microbiota of dogs with age. Biosci Microbiota Food Health. 2017;36(1):27–31.

To learn more about GI upsets in older dogs, visit www.the-pac.co.uk