

Urinary



# Urinary Products

For Dogs and Cats

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High level support for urinary health



# The Lower Urinary Tract

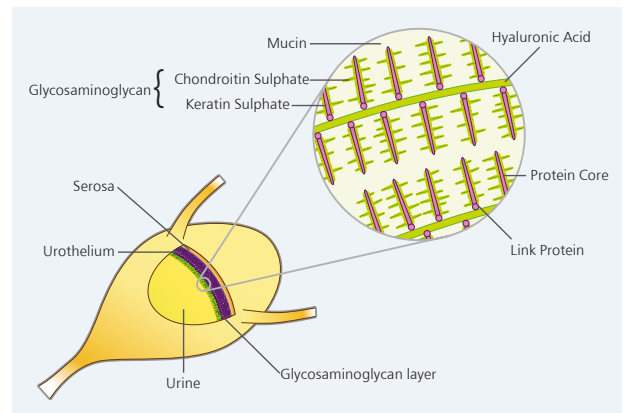


**i** The lower urinary tract of dogs and cats is composed of the:

- **Bladder** - storage of urine before urination via the urethra.
- **Urethra** - a single tube that connects the bladder to the external genitalia.

The lower urinary tract is covered by a protective mucus layer called the glycosaminoglycan (GAG) layer. The GAG layer protects the sensitive bladder lining from the damaging effects of urine, bladder stones, crystals and bacteria.

The GAG layer can become depleted or defective in certain situations which allow these noxious compounds to activate sensory nerve fibres which the brain perceives as uncomfortable.



Hyaluronic acid forms the frame-work of the protective GAG layer. The two main GAGs are Keratin Sulphate and Chondroitin Sulphate, which are made up of N-acetyl D-glucosamine subunits.

# Cystophan



## ? What does Cystophan do?

Cystophan helps to support and preserve the protective glycosaminoglycan (GAG) layer of the bladder.

Cystophan also includes L-tryptophan. L-tryptophan is used in the brain to make serotonin, the happy hormone.

## ? Why is Cystophan different?

Cystophan has three main ingredients.

- N-acetyl D-glucosamine - acts as a building block for GAGs.
- Hyaluronic acid - one of the main components of the protective GAG layer that lines the bladder.
- L-tryptophan - converted to serotonin, the happy hormone.



Cystophan is the first nutritional supplement to provide this combination of ingredients; reducing the number of products your cat needs to take.

## ? How can Cystophan help?

Cystophan provides support for the urinary GAG layer and helps your cat maintain a calm confident attitude in today's busy environment.

Cystophan may be used long term for those cats that may need extra urinary support:

- Neutered cats
- Cats that mostly live indoors
- Cats that use litter trays
- Cats that mostly eat dry food
- Cats in a multicat household.

## i Directions for use

Cystophan is supplied in tubs of 30 capsules, and has an appealing artificial chicken flavour. Simply open the capsules and sprinkle them on to your cat's food.

Initially administer for at least two weeks, then halve the amount for long-term maintenance according to the guidelines below:

	Loading Level (for at least 2 weeks)	Maintenance Level
Weight of cat	Capsules per day	Capsules per day
<3kg	1	½ (or 1 every other day)
>3kg	2	1

# CystoPro



## ? How does CystoPro support urinary health?

CystoPro contains an active ingredient derived from the North American cranberry. This ingredient is a class of antioxidants called Proanthocyanidins (PACs). CystoPro also contains probiotics, a prebiotic and N-acetyl D-glucosamine.

## ? What are Proanthocyanidins?

PACs are a class of powerful antioxidants sourced from the North American cranberry that also have the ability to bind to certain bacteria within the urinary tract. This binding reduces the ability of certain bacteria to attach to the bladder lining.

## ? Why does CystoPro contain probiotics and prebiotics?

CystoPro contains probiotic bacterium *Enterococcus faecium* and the prebiotic, Mannanligosaccharide (MOS). Probiotics and prebiotics help to modulate the intestinal bacteria and reduce the levels of 'bad' bacteria in the faeces. This reduces the levels of 'bad' bacteria around the external genitalia which have the potential to cause problems if they reach the lower urinary tract.





## ? What does N-acetyl D-glucosamine do?

N-acetyl D-glucosamine helps to support the protective GAG layer that lines the inside of the bladder. A strong, resilient GAG layer is important for your pet's urinary health.

## i Directions for use

CystoPro comes in boxes of 30 capsules. CystoPro capsules can be pulled apart and the contents placed on, or mixed with your pet's daily food. Use for as long as your vet recommends.

	 
Weight of pet	Capsules per day
<20kg	1 capsule
20-40kg	2 capsules
40-60kg	3 capsules



# High level support for urinary health



**Cystophan** helps to support feline urinary health by:

- Helping to build the vital glycosaminoglycan (GAG) layer of the bladder.
- Maintaining a calm and confident cat in today's busy environment.

Cystophan is available in a convenient 30 capsule tub.



**CystoPro** helps to support urinary health in dogs and cats by:

- Reducing the ability of bacteria to bind to the bladder lining.
- Helping to build the vital glycosaminoglycan (GAG) layer of the bladder.
- Supporting the beneficial bacteria within the gastrointestinal tract.

CystoPro is available a box of 30 capsules.

Speak to your vet to find out which product will be most suitable for your pet.



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