

UTI-ZEN®

FOOD SUPPLEMENT TO SUPPORT URINARY TRACT COMFORT

Naturally efficient



30 x



Dermoscent
LABORATOIRE





HOW TO MANAGE URINARY TRACT INFECTIONS?

Urinary tract infections (UTI) are the **2nd most frequent infection** among animals after cutaneous infections. They are mainly **caused by *E.Coli* bacteria**. UTI has been **reported in up to 8% of cats¹ and in approximately 14% of dogs²** during their lifetime.

PREDISPOSITIONS:

- Aged* or stressed animal
- Animal under immunomodulating treatment (corticosteroids* or ciclosporin*)
- Animal with chronic diseases* (diabetes mellitus, Cushing, hyperthyroidism, kidney failure...)
- Animal under catheter*...

Usual treatments often involve **prescription of appropriate antibiotics**. Certain **food supplements** are also proven useful by strengthening the defenses of the urinary tract, and thus helping **prevent infections or limit recurrences**.

Proven efficacy of cranberry in dogs³

IN VIVO TEST

- 6 dogs with recurrent UTI (at least 3 per year)
- No sign of urinary tract infection at the time of enrollment
- 1 daily dose of cranberry powder extract during 6 months



None of the 6 dogs developed a UTI during 6 months

> **Cranberry is efficient to prevent relapses**

IN VITRO TEST

- 6 dogs with a recurrent UTI
- No sign of urinary tract infection at the time of enrollment
- 1 daily dose of cranberry powder extract during 60 days
- **Urine samples** were collected and an **antiadhesion assay** with microscopic examination was performed (MDCK cells)



Significant reduction of *E. coli* adherence obtained at D30 & D60

> **Oral administration of cranberry helps prevent UTI in dogs**

UTI-ZEN®

FOOD SUPPLEMENT TO SUPPORT
URINARY TRACT HEALTH AND COMFORT



Antiadhesion, antibiofilm & antioxidant properties

- Cranberry powder naturally rich in polyphenols and particularly A-type ProAnthoCyanidins (PAC), anthocyanins, flavonols and phenolic acids, as well as vitamin C.



Palatable

Easy to use: **divisible & friable tablet**
Low calorific impact: **< 4 kcal per tablet**



DIRECTIONS FOR USE

- Once daily according to animal's weight
- Can be given separately or easily mixed with regular food

Weight	< 10 kg	10-20 kg	20-40 kg
Dosage			

¹Tariq A. et al. Feline lower urinary tract disease, an emerging problem of recent era. JVSAN. 2014;1(5).

²Norris C. R. et al. Recurrent and persistent urinary tract infections in dogs: 383 cases (1969-1995). JAAHA. 2000;36:484-92.

³Chou H-I. et al. Effects of cranberry extracts on prevention of urinary tract infections in dogs and on adhesion of *Escherichia coli* to Madin-Darby canine kidney cells. AJVR. 2016;77(4):421-427.

*Bibliography upon request.

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