TOTAL

EQUILÍBRIO®

VETERINARY

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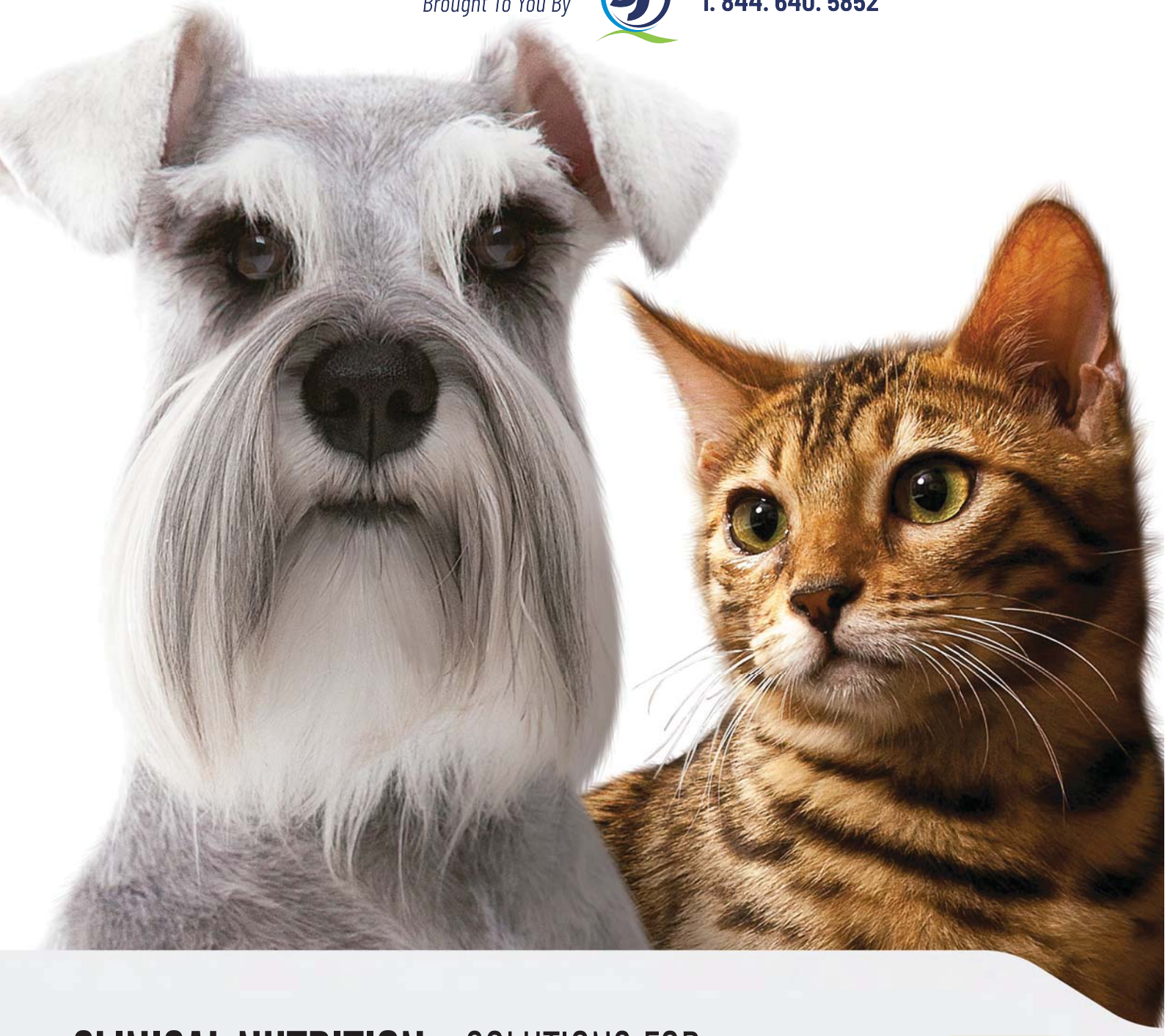

CLINICAL NUTRITION: SOLUTIONS FOR URINARY TRACT DISORDERS OF DOGS AND CATS

UR URINARY GATOS SCIENTIFIC APPROVED

RE RENAL GATOS SCIENTIFIC APPROVED

UR URINARY CÃES SCIENTIFIC APPROVED

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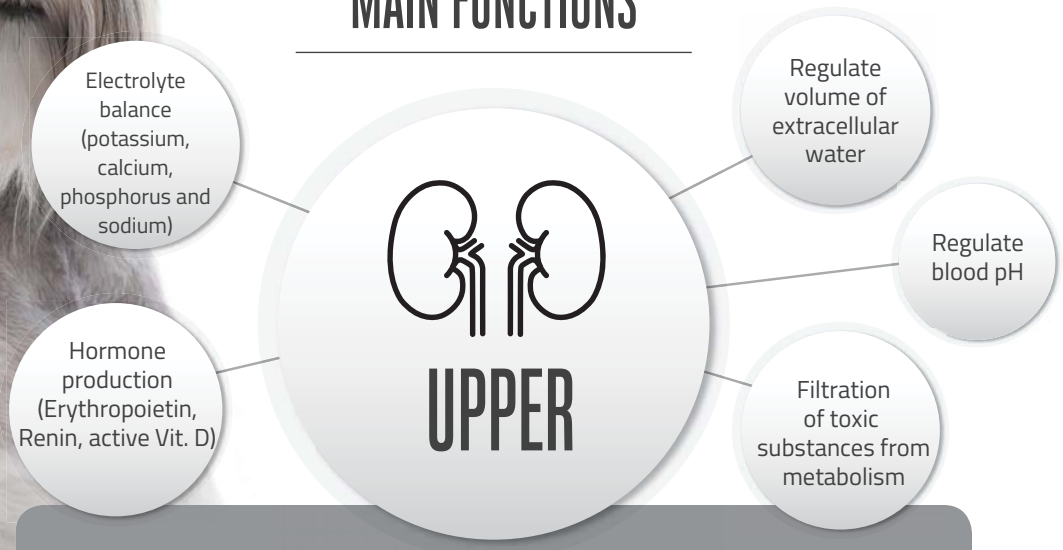
URINARY SYSTEM:

The **urinary system of dogs and cats** is responsible for several functions ranging from the filtration of substances that can be harmful to the health of pets to the hormones production. For urinary tract disorders, **Equilíbrio Veterinary** has an excellen portfolio of clinical nutrition.

MAIN FUNCTIONS



MAIN DISORDERS IN DOGS AND CATS

Chronic Kidney Disease (CKD) - Progressive loss of the number of functional nephrons:

- Infections;
- Ischemia;
- Exogenous toxic substances.

Chronic kidney disease (CKD) - Progressive loss of the number of functional nephrons:

- Initial kidney injury leads to gradual loss of nephrons over time;
- Acquired chronic kidney disease - average age from 7 to 9 years;
- Juvenile/hereditary chronic kidney disease - average age from months to 4 years.

URINARY SYSTEM:

MAIN FUNCTION

Temporary urine storage

LOWER

MAIN DISORDERS IN DOGS

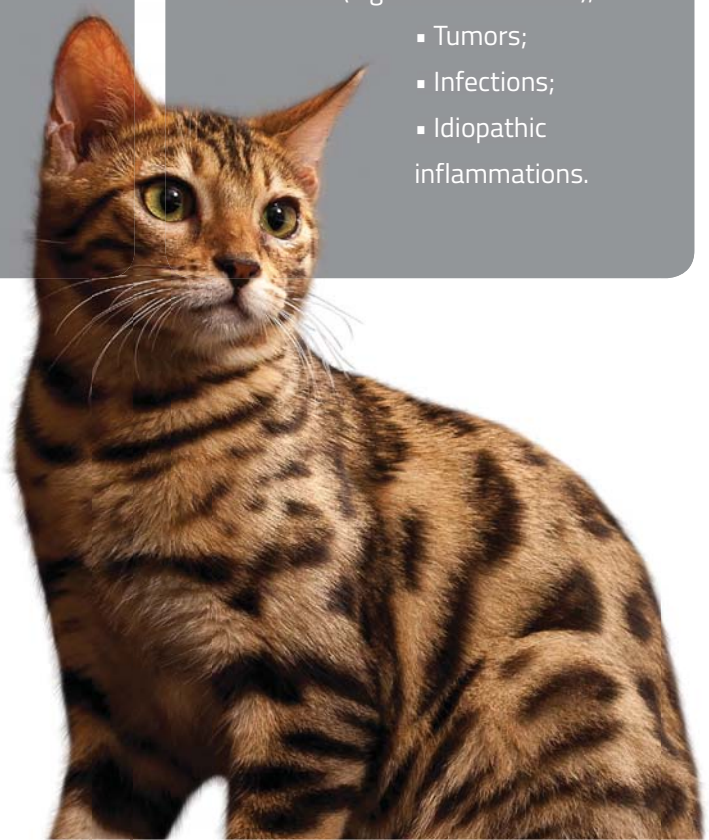
Lower Urinary Tract Infections (LUTI):

- Bacterial cystitis;
- Stones.

MAIN DISORDERS IN CATS

Feline Lower Urinary Tract Disease (FLUTD);

- Uroliths (e.g. struvite/oxalate);
- Tumors;
- Infections;
- Idiopathic inflammations.



RE
RENAL CÃES

SUPERIOR

SCIENTIFIC APPROVED

- **Chronic Kidney Disease (CKD)**
- **Acute Kidney Disease (AKD)**

Reduced protein level
Assists in the control of proteinuria and clinical signs associated with uremia.

Omega 3 - EPA/DHA
Renoprotective effect, helping reduce glomerular hypertension and inflammation.

Seaweed flour *Shizochytrium sp* + fish oil

SOURCE OF EPA/DHA

NATURAL ANTIOXIDANTS
Assist in reducing renal oxidative stress.

CONTROLLED SODIUM
Assist in osmotic balance.

RESTRICTED PHOSPHORUS
Assist in delaying disease progression and control complications resulting from hyperphosphatemia.

POTASSIUM CITRATE
Assist in maintaining a more alkaline pH.

SOLUBLE FIBER AND PREBIOTICS
Assist in intestinal health - higher nitrogen fixation by the microbiota.

FOOD MANAGEMENT NOTES:

- If possible, divide the daily amount into at least 4 meals a day to prevent overloading the patient.
- Ensure easy access to water at all times.
- Plan a long transition period from the original diet to this one (15 days).
- Do not offer this food to patients in acute crisis or hospitalized, which may lead to future aversion to the food.

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UR
URINARY CÃES

SCIENTIFIC APPROVED

INFERIOR

- **Dissolution and prevention of struvite stones**
- **Bacterial cystitis**

Controlled levels of sodium
Appropriate sodium contents to stimulate water intake.

Appropriate urinary pH
Dissolution and prevention of struvite stones.

Recommendation for use: up to 6 months.*

*Or according to veterinary recommendation.

PHOSPHORUS AND MAGNESIUM REDUCTION
Prevent formation of struvite uroliths.

MODERATE PROTEIN
Reduction of ammonia and ammonium formation.

SLIGHTLY ACID pH
Target: 5.8 to 6.2 – promote dissolution of struvite.

SOLUBLE FIBER AND PREBIOTICS
Assist in intestinal health - higher nitrogen fixation by the microbiota.

FOOD MANAGEMENT NOTES:

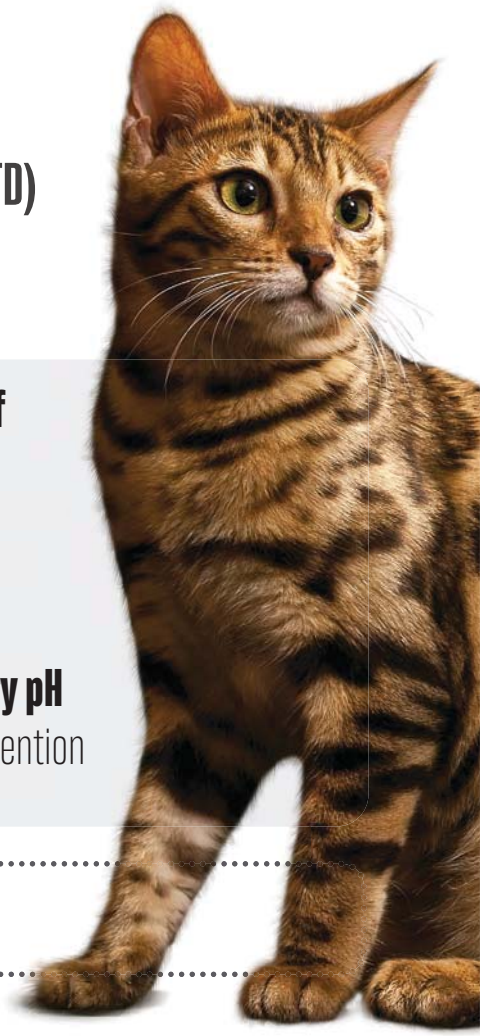
- Use recommended until the struvite stones are dissolved and/or up to six months, maximum, for prevention of recurrences.
- Ensure easy access to water at all times.
- Size and number of stones may influence duration of treatment.
- Periods above the recommended require monitoring of the patient's acid-base status.

UR URINARY GATOS

SCIENTIFIC APPROVED

INFERIOR

- **Dissolution and prevention of struvite stones**
- **Feline Lower Urinary Tract Disease (FLUTD)**



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Imagens meramente ilustrativas.

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