



# URINARY HEALTH



# LOWER URINARY TRACT DISEASE (LUTD)

LUTD is a generic name given to a group of challenging diseases. **Symptoms and causes are variable.** Despite the perception of LUTD being a “cat” issue, **dogs are also susceptible.**

## MOST COMMON TYPES OF LUTD

1

### URINARY TRACT INFECTION (UTI)

Caused by bacteria in the bladder and can lead to frequent urination, pain, straining, and potentially blood in the urine

2

### INCONTINENCE

Involuntary leaking of urine often resulting from bladder or urethral dysfunction, or even neurological disease

3

### UROLITHIASIS

Formation of stones in the bladder of which there are many types, such as struvite, calcium oxalate or cystine stones



## WHAT ARE THE MAIN CAUSES/RISK FACTORS?



## IN BRIEF

Caused by bacteria, **UTI is the most common contributor to LUTD signs in dogs.**

**Small breed dogs** are more likely to develop LUTD than large breed dogs.

If noticed early, **the condition can be treated more easily** and long term nutritional management may help prevent recurrences.

# ROYAL CANIN® TAILORED NUTRITION

## ADDRESSING YOUR DOG'S INDIVIDUAL NEEDS

Over the past 50 years the best researchers from ROYAL CANIN®, together with specialists and veterinary practitioners from all over the world have been working hard towards a common goal: **improve urinary health of dogs through nutrition.**

## BENEFITS OF FEEDING YOUR DOG A ROYAL CANIN® URINARY SO FORMULA:

- ✓ Reduces the likelihood of surgery to remove stones
- ✓ Helps prevent urinary crystal and stone formation
- ✓ May help reduce inappropriate urination
- ✓ Reduces pain caused by inflammation of the bladder
- ✓ Provides complete and balanced nutrition for your dog



COMPLEMENT YOUR PET'S URINARY HEALTH FORMULA WITH URINARY TREATS

### URINARY HEALTH

URINARY SO  
MODERATE CALORIE

URINARY SO  
URINARY SO SMALL DOG



### URINARY HEALTH AND AGING

URINARY SO AGING 7+



### URINARY HEALTH (CYSTINE, URATE XANTHINE)

URINARY UC



### URINARY HEALTH + WEIGHT LOSS

URINARY SO + SATIETY



### URINARY HEALTH + FOOD ALLERGIES

URINARY SO +  
HYDROLYZED PROTEIN



DRY

CANNED

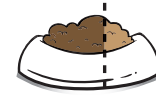
# INCREASING WATER INTAKE IS KEY IN MAINTAINING URINARY HEALTH

## HELPFUL TIPS:

- ✓ Provide fresh, clean water at all times
- ✓ Feed canned food
- ✓ Try different bowl sizes and water temperatures
- ✓ Place water in a quiet area
- ✓ Consider a special pet water fountain
- ✓ Feed smaller meals more frequently
- ✓ Feed lower calorie diets
- ✓ Add water to the food

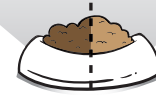


# TRANSITIONING YOUR PET TO A NEW FOOD



## DAYS 1 + 2

75% current food  
25% **new** food



## DAYS 3 + 4

50% current food  
50% **new** food



## DAYS 5 + 6

25% current food  
75% **new** food



## DAY 7

100% **new** food

## WE RECOMMEND AT LEAST A SEVEN-DAY TRANSITION WHEN STARTING A NEW DIET.

Dogs may reject a new food if it is not introduced slowly by transitioning over a period of 7 – 10 days. To effectively transition your pet to a new formula, we suggest slowly mixing the new food in with the existing food in gradually increasing amounts.

# URINARY MANAGEMENT

SHOULD NOT END AFTER  
THE SIGNS DISAPPEAR



## USEFUL TIPS ON HOW TO MINIMIZE RECURRENCE

### LIFESTYLE

- ✓ **Visit your vet** for regular check-ups
- ✓ **Ensure fresh and clean water** is available at all times
- ✓ **Give your dog frequent opportunities to urinate:** increase number of walks/ change your route (this will promote additional marking)
- ✓ **Monitor the colour of urine:** your veterinary team will need to know about presence of blood, concentrated (dark) or diluted (light) coloured urine
- ✓ **Watch out for triggering external factors;** such as stress, weight gain, etc.

### NUTRITION



**CONTINUE FEEDING THE DIET  
RECOMMENDED BY YOUR VET**



**FEED CANNED FOOD TO INCREASE  
WATER INTAKE**



Find out more about urinary management  
nutrition for dogs at  
[www.royalcanin.com](http://www.royalcanin.com)