

SanUral

Product consisting of a complex blend of plants with specific properties to prevent and cure urinary tract infections.

Box containing 90 capsules

Urinary tract, an overview:

The urinary tract is composed of the kidneys, the Ureters, the Bladder and the Urethra. Urine is produced by the filtration process of the blood by the kidneys. The Ureters are the tubes that carry the urine to the bladder from which it will be evacuated by an exit canal called the Urethra.

Natural defences of the urinary tract: Normally, urine is sterile. It is made of 96% of water; it is usually free of bacteria, viruses, and fungi but it does contain fluids, salts, and waste products.

In order to maintain this balance the urinary system has some defence mechanisms.

- The cell immunity of the bladder wall along with its anti bacterial substances.
- The shape of the Ureters and the Urethra that prevents the urine to flow back towards the kidneys.
- The urine acidity level (pH < 5.5) (due to the prostate secretions for men and oestrogens' activity for women) that inhibits the development of bacteria.
- The urinations allow the expulsion of bacteria making their way towards the bladder and kidneys very difficult. For that reason, not drinking enough will tend to prolong the lapse of time between urinations that could be a factor in developing cystitis. Some germs multiply very fast in the urine and that can trigger acute and sudden inflammation of the bladder.

The causes of Urinary Infections:

Those causes differ whether it concerns women or men.

For women, some characteristics may contribute in the development of urinary infections:

- The short length of the Urethra (3cm): The proximity between the Urethra and the anus increase the risk of intestinal bacteria to reach the Urethra.
- The Menopause which triggers a diminution of the protective vaginal acidity due to a lower oestrogen activity.
- The prolapsus, of the uterus and bladder (a "loosening" of the organs) preventing the full draining of the bladder.
- Pregnancy with its physiological transformations also prevents the full draining of the bladder and favours infections. The uterus may compress the ureters while expanding the urethra.
- The usage of spermicidal products and an excessive hygiene (vaginal showers, "aggressive" soaps) that can modify the bacterial flora of the vagina and weaken the natural defence system.

For men, the length of the urethra (20cm) and the acid secretions of the prostate partly explain the rarity of such

infections among young adults. As men grow in age those secretions diminish, the enlargement of the prostate may also prevent a proper draining of the bladder which in turn favours the development of infections.

Between the ages of 20 to 50, infections are 50 times more frequent with women than men, after 50 this ratio falls to 3 for 1.

Urinary infections: An infection occurs when tiny organisms, usually bacteria from the digestive tract, cling to the opening of the urethra and begin to multiply and reach up the bladder and kidneys. The higher up in the urinary tract the infection is, the more serious it is. Most infections arise from one type of bacteria, Escherichia coli (E. coli), which normally lives in the colon. Other organisms are also involved Proteus, Staphylococcus, Streptococcus, Klebsiella, etc.

Levels of infection to distinguish:

- An infection without fever or with only mild fever, with a burning sensation when urinating, along with repeated urinations:
- When the infection is limited to the urethra it is called Urethritis.
- When the infection reaches the bladder it is called a cystitis
- Infections coupled with fever, lumbar pains similar to renal colic, with nausea and tainted urine (troubled and dark). The fever is a result of the microbes passing through in the blood stream, if the infection aggravates there is a risk of septicaemia.
 - Pyelonephritis when the infection reaches the kidneys.
 - Acute prostatitis when the infection reaches the prostate.
 - Orchitis when the infection reaches the testicles.
- Complicated infections may happen:
 - After an intervention; insertion of a catheter.
 - In case of an obstruction; Adenoma of the prostate, calculi (kidney stones), anatomical malformation.
 - In case of diabetes (the presence of sugar in the urine can favour infections).

Action of SanUral:

It is important to act as the very first symptoms appear (burning and itching sensation). The antibacterial and anti inflammatory actions of SanUral purify the urinary tract and avoid the proliferation of germs. Some plants with anti inflammatory and astringent virtues allow for better protection of the urinary tract tissue.

Instructions:

- Infection Treatment: Take 3 to 6 capsules per day (one to two capsules at each meal), for one month.
- Preventive approach: For people prone to such infections, take 2 capsules per day (one capsule at each meal), for one month.
- In cases of severe infection it is strongly recommended to consult with a physician, this applies to pregnant women as well.

Composition:

Apium graveolens, Vicia sativa, Peganum harmala, Anacyclus pyrethrum, Gummi arabicum - Plant origin capsules

Complementary treatments:

DynOrgan is an efficient depurative and cleanser for the vital organs including the kidneys. **ImmunoVie** to strengthen the immune systems.