

UrinVita®

60 capsules

Healthy urinary system

Exclusive use for professionals.
This information should not be disclosed to non-professional users.

VITAE



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Healthy urinary system

UrinVita® is a natural food supplement based on pomegranate, grape, cranberry and rosemary extract. Thanks to its content in proanthocyanidins and procyanidins, it contributes to the well-being of the urinary system.

The synergistic effect of proanthocyanidins and tannins difficults the formation of biofilms associated with bacterial resistance

Procyanidins and proanthocyanidins help to inhibit the adhesion of bacteria to the urethral wall



The synergy of the ingredients contributes to the protective and antioxidant effect

RECOMMENDED FOR:

- **Help prevent urinary problems**
- **Promote proper urinary function**
- **Protect the body, cleaning the urinary tract**
- **Help achieve a diuretic and purifying effect**
- **Provide antioxidants and help shorten infectious processes**
- **Contribute to the prevention against the formation of bacterial resistance in the form of biofilm**

Equivalence of procyanidins and proanthocyanidins (PAC) (1)

Total quantity: 530mg for 4 capsules

BENEFITS:

- **Protective effect of the urinary tract**
- **Synergistic action of proanthocyanidins, procyanidins and punicalagins**
- **Protective action of ellagic acid and rosmarinic acid**
- **Synergistic combination of extracts to inhibit biofilm production**

DIRECTIONS FOR USE

Take 2 to 4 capsules a day separate from meals.

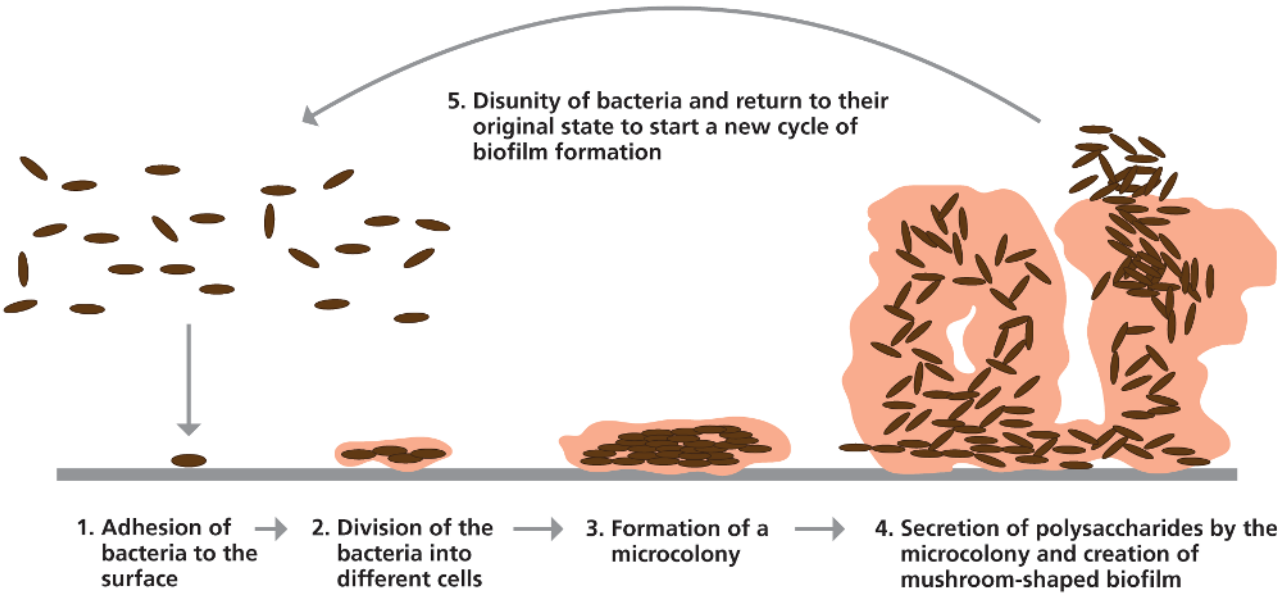
GLUTEN FREE * GLUTEN FREE * LACTOSE FREE * LACTOSE FREE * LOW FAT CONTENT * LOW FAT CONTENT * LOW SUGAR CONTENT * LOW SUGAR CONTENT

Clean label

WHAT IS BIOFILM?

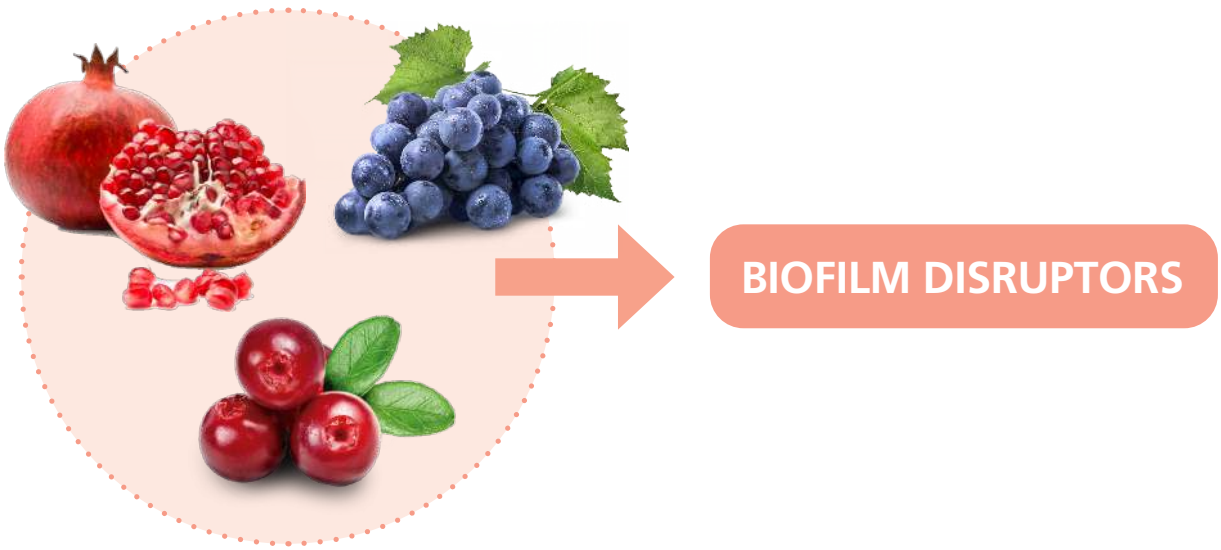
The biofilm is a film created by the bacteria around it, forming a kind of "mushroom". They adhere to the surface of the bladder to ensure bacterial survival. In this way, they can resist and protect themselves against the individual's immune response without being completely eliminated with antibiotic treatments. [2]

BIOFILM FORMATION [3]



WHAT HAPPENS IF THE BIOFILM IS FORMED?

If the bacteria persist, they form microcolonies that adhere to the epithelium, forming bacterial biofilms as a form of resistance, leading to recurrent infections. This is because bacteria in biofilm form can be up to 1,000 times more resistant to antibiotics. So, it is necessary to add biofilm disruptors to the antibiotic treatment to combat them. [4-6]



INGREDIENTS

Pomegranate extract *(Punica granatum L.)*, grape extract *(Vitis vinifera L.)*, red cranberry extract *(Vaccinium macrocarpon L.)*, rosemary extract *(Rosmarinus officinalis L.)*, bulking agent (rice protein), vegetable capsule (hydroxypropylmethylcellulose).

Nutritional analysis

Daily intake	(Per 2 capsules)	(Per 4 capsules)
Pomegranate polyphenols (punicalagin)	90 mg	180 mg
Grapefruit polyphenols (procyanidins)	190 mg	380 mg
Red cranberry polyphenols (proanthocyanidins)	75 mg	150 mg
Rosmarinic acid	6 mg	12 mg

COMPOSITION

Pomegranate extract

- Modulation of the antibacterial properties and antibiotic potential of the pomegranate extract against *Staphylococcus* aureus and *Escherichia coli* and their resistance [7]
- Synergistic effect of pomegranate extract and rosemary extract in combination with antibiotics against antibiotic resistance and the formation of biofilms of *Pseudomonas aeruginosa* [8]
- Antibacterial and antioxidant potential of pomegranate extract against *Staphylococcus, Enterobacter, Salmonella and Klebsiella* by nutraceutical application [9]

Grape extract

- High antioxidant, anti-inflammatory and antimicrobial capacity, in synergy with cranberry extract, especially against *Escherichia coli* [10]
- Anti-apoptotic protector, healing and disruptor of biofilms [10]
- Equivalence of antioxidant proanthocyanins and proanthocyanidins (both included in grape extract) [1]
- Synergy between grape extract and cranberry extract in the contribution of flavonoids to inhibit the production of biofilms, probably by inducing changes in the bacterial surface [11]

Cranberry extract

- Proanthocyanidins and tannins from cranberry and grape extracts reduce the production of biofilms due to their synergistic antimicrobial and bactericidal activity [11]
- Recurrent urinary tract infections are caused by microorganisms that invade the urinary tract and form biofilm-like structures, which are destroyed by the action of proanthocyanidins (PACs) at doses of 72 mg daily [12]
- Use of cranberry extract as a preventive against post-surgical urinary tract infections [13]
- PACs 37mg Cranberry Extract Effective Daily Dose in Prevention of Recurrent UTIs in Healthy Women [14]

Rosemary extract

- Rosmarinic acid contained in rosemary extract has antibacterial action in daily doses of 0.8-10 mg / ml [15]
- Rosmarinic acid exerts a synergistic action with other flavonoids and organic acids, acting as an antimicrobial and anti-inflammatory [15]
- Rosmarinic acid has specific activity against *Escherichia coli* as an anti-inflammatory and antibacterial [16]
- Rosemary extract has a high antioxidant capacity [17]

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UrinVita® is a food supplement. Store in a cool, dry place. Keep out of reach of children. Do not exceed the daily recommended dose. Food supplements do not substitute a balanced diet. It is important to have a varied and balanced diet and a healthy lifestyle. Check with your doctor or pharmacist in case of pregnancy, when taking any medication or when suffering from any illness, before starting supplementation.

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