



**PHARMALINE**  
More than Health

Over **30 years** improving  
people wellness...



# More than Health

Efficacy, innovation and excellence are the results we pursue: constant determination, attentive care and complete dedication are what gets us there.

## Innovation and Quality

Unique formulations based on pharma-grade ingredients – mainly pharmaceutical, biological or titrated extracts – with synergistic actions.



## Health

Safe and effective finished products, capable to maintain and restore health and well-being.



## Medical Marketing

People are what matters. High investments on constant trainings to our Med Reps to deliver updated scientific news and solid support.



## Patient Care

Quality controls and patient-centric approach respectful of, and responsive to, individual patient preferences, needs and values.



## Medicine

Doctors, Pharmacists and Experts are our key partners, whose job we want to facilitate and support with our constant scientific research and products' values.



## On-Line

Promoting brand awareness and spreading our messages to the wider public; involving people to know more about the value of nutraceuticals and recent discoveries.

[www.pharma-line.it](http://www.pharma-line.it)

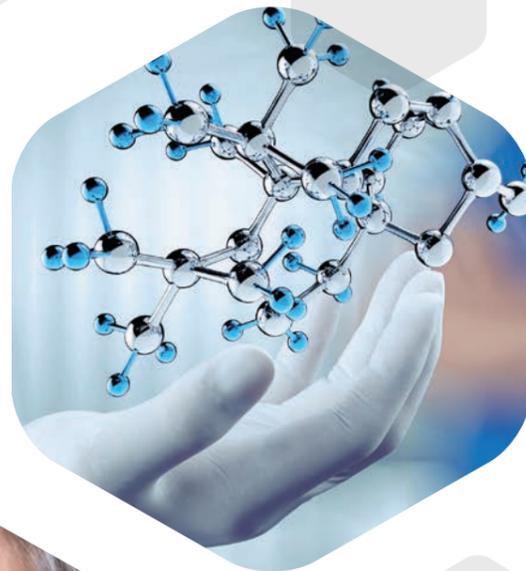


# More than Health

Our mission says it all: Health is the biggest gift a person can ask for.

Pharma Line wants to be the innovative developer of combinations made of pharma-grade active ingredients in balanced dosages, acting synergistically to fulfill Unmet Medical Needs.

For **over 30 years Pharma Line has been leading the growing market** of food supplements and medical devices in Italy.



Today Pharma Line reaches more than 50.000 MDs in Italy, with:

- **130 Medical representatives**
- **7 Medical Science Liaisons**
- **13 Local Area Managers**
- **2 Sales Manager**

# The Company

**Pharma Line S.r.l.** is a pharmaceutical company constantly developing innovative solutions to improve people's quality of life.

Quality is the center of any ingredient, formulation, project and partnership developed inside the company.

Each product is carefully formulated with the most innovative and effective API, and supported by thorough, coherent medical and scientific literature, as well as rigorous clinical trials.

## History

**Pharma Line** was founded in 1987 in Mantua (Italy). Competences and values specific to the pharmaceutical sector were transferred to the brand-new field of nutraceuticals. Based on **Pharma Line** know-how, the products are designed, developed and marketed according to the same concept of prescription medicines.

## Commitment

The values inspiring our whole work are excellence, trustworthiness and innovation.

In Italy and abroad, we want to guarantee efficacy to patients, specialists of the field, and partners all over the world, maintaining the highest standards of technology, competence, reliability and competitiveness.

**Pharma Line** is certified UNI CEI EN ISO 13485, and all the made-in-Italy production processes follow GMP standards.



# The Headquarters

## MILAN'S HQ



Sales, Marketing, Medical, Export, Finance, Regulatory, Quality, Research & Development, HR.

## MANTUA'S HQ



Administration, Finance.

# We Want You

We are constantly looking for new Partners around the world who share our values and work with the same ideals, ensuring them exclusive distributor rights and continuous marketing support.



## GLOBAL PRESENCE

### Europe

- |                    |                 |            |             |
|--------------------|-----------------|------------|-------------|
| Albania            | Chzech Republic | Kosovo     | Portugal    |
| Austria            | Denmark         | Latvia     | Romania     |
| Belarus            | Estonia         | Lithuania  | Russia      |
| Belgium            | Finland         | Macedonia  | Serbia      |
| Bosnia Herzegovina | Hungary         | Malta      | Slovenia    |
| Bulgaria           | Italy           | Moldavia   | Switzerland |
| Croatia            | Germany         | Montenegro | Ukraine     |
| Cyprus             | Greece          | Poland     |             |

### America

- Costa Rica
- Dominican Republic
- El Salvador
- Guatemala
- Honduras
- Nicaragua
- Panama

### Asia

- |            |              |                      |
|------------|--------------|----------------------|
| Armenia    | Kyrgyzstan   | South Korea          |
| Bahrein    | Lebanon      | Tajikistan           |
| China      | Oman         | Tunisia              |
| Iran       | Pakistan     | Turkey               |
| Iraq       | Palestine    | United Arab Emirates |
| Jordan     | Philippines  | Uzbekistan           |
| Kazakhstan | Qatar        | Vietnam              |
| Kuwait     | Saudi Arabia | Yemen                |

### Africa

- Algeria
- Botswana
- Cameroon
- Egypt
- Ivory Coast
- Libya
- South Africa
- Sudan

# Alphadefend®

30 DIVISIBLE TABLETS

Food supplement

**Boosts the immune system to protect the body from infections. Modulates slowing down of immune response and controls inflammation aiding recovery.**

- ✓ Preserves structural and functional integrity of mucosal cells in innate barriers.
- ✓ Powerful antioxidants that strengthen the immune system.
- ✓ Helps the body fight off infections.

## Micronutrients increased need

From the moment of birth, our bodies are bombarded by pathogens whose sole purpose is to live and replicate in a warm, moist, nutrient-rich environment. The immune system protects individuals from those pathogen agents. The body relies on two pathways to protect itself: the innate and the adaptive- both initiate the upregulation of blood borne factors (i.e., complement, antibodies, and cytokines) and immune response cells (i.e., macrophages, and lymphocytes). The efficiency of the immune system is heavily reliant on nutritional status of the individual. Undernutrition due to insufficient intake of micronutrients

can suppress innate immune host protection. The clinical course and outcome of certain infections such as viral and bacterial diarrhea, tuberculosis, pneumonia, and measles are predicted by the nutritional status of the individual.

## Micronutrients and the Immune Response

Antioxidants help to neutralize the harmful effects of free radicals. Research in the past two decades have identified the antioxidant effects of several vitamins, trace minerals, and related coenzymes. Deficiency of these nutrients suppresses immune functions in multiple ways and increases the susceptibility to infection. The presence of disease states, in turn, aggravates low levels of micronutrients by further lowering the levels of these essential nutrients. A balance of vitamins and minerals can assure a level of protection from infections and inflammatory diseases.

## Micronutrients in health and disease

The loss of blood from the nose, following the rupture of one of the blood vessels of the nasal septum, can happen spontaneously or be caused by several factors, such as excessive exposure to the sun or a small trauma. The epistaxis can occur easily in various situations and at any age.



## Recommended dosage

Prophylaxis: 1-2 tablets/day

Treatment: 2 tablets/day

GLUTEN FREE



SUGAR FREE



## Average content per recommended daily dosage

Active Ingredients	Per 2 tablets
Vitamin C	400.0 mg
Vitamin D3	20.0 mcg
Vitamin A	400.0 mcg
Vitamin E	48.0 mg
Vitamin B2	3.6 mg
Vitamin B6	3.6 mg
Folic Acid	400.0 mcg
Vitamin B12	20.0 mcg
Zinc	15.0 mg
Copper	1.0 mg
Selenium	110.0 mcg
Magnesium	375.0 mg



# Brainil®

30 DIVISIBLE COATED TABLETS

Food supplement

**Preserves synaptic transmission and microvascular circulation.**

- ✓ Promotes nervous system function.
- ✓ Supports proper neuronal microperfusion.
- ✓ Contributes to neural energy metabolism and counteracts oxidative damage.

### Mild Cognitive Impairment

The stage between the expected and normal cognitive decline due to ageing and the more serious decline caused by dementia. It may include problems of memory, language, thinking and judgment that are greater than normal age-related changes. Ageing is the primary risk factor of MCI and other neurodegenerative diseases. Mild Cognitive Impairment increases the risk of developing dementia caused by Alzheimer's disease or other neurological conditions.

### Vascular Dementia

A cognitive impairment resulting from cerebrovascular disease and ischemic or hemorrhagic brain injury. The alterations of small vessels play a key role in causing damage to the cerebral tissue and are potentially responsible for the subsequent development of cognitive alterations.

### Peripheral neuropathies

The result of damage to the nerves outside the brain and spinal cord, often causing weakness, numbness and pain, usually in hands and feet. It can also affect other areas of the body.

Peripheral neuropathies can result from traumatic injuries, infections, metabolic problems, inherited causes and exposure to toxins. One of the most common causes is diabetes. The subsequent neuropathic pain is a consequence of oxidative stress and inflammation.

### Tinnitus

The conscious perception of a sound without a corresponding external acoustic stimulus, usually described as a phantom perception. It is experienced by 10-15% of the population. Tinnitus pathophysiology is extremely complex and multifactorial.



**Recommended dosage**  
1-2 tablets/day



### Average content per recommended daily dosage

Active Ingredients	Per tablet
L-acetylcarnitine hydrochloride equivalent to L-acetylcarnitine	590.0 mg
equivalent to L-carnitine	500.0 mg
	396.5 mg
Ginkgoselect® Plus Phytosome	80.0 mg
Vitamin B12	16.5 mcg



# B-Vital<sup>®</sup> totale

- ◌ 20 EFFERVESCENT TABLETS
- 30 COATED TABLETS

Food supplement

**Vitamin B complex with folic acid (0.4 mg)  
in balanced doses.**

- ✓ Contributes to homocysteine plasma levels control.
- ✓ Helps to maintain normal function of nervous system.
- ✓ Supports erythropoiesis and energy metabolism.

## Megaloblastic anemia

It encompasses a group of anemias characterized by the presence in the bone marrow of large red blood cell precursors called megaloblasts. This condition is due to impaired DNA synthesis, which inhibits nuclear division. It is most often caused by hypovitaminosis, specifically vitamin B12 (cobalamin) and folate, which are necessary for the synthesis of DNA.

## Hyperhomocysteinemia

Recognized as a risk factor for several diseases, including cardiovascular and neurological disorders. Homocysteine is a key metabolite involved in the biosynthesis and metabolism of methionine (pivotal role in the physiological cell life cycle). The biochemistry of methionine is regulated by enzymes that control homocysteine concentration. A malfunction of the enzymes can raise homocysteine concentration which can lead to the onset of several pathological conditions. Prolonged exposure to hyperhomocysteinemia can lead to the onset of cardiovascular diseases and to the development of atherosclerosis, stroke, inflammatory syndromes like osteoporosis and rheumatism.

## Peripheral neuropathies

The result of damage to the nerves outside the brain and peripheral nerves, often causes weakness, numbness and pain, usually in hands and feet. It can also affect other areas of the body. It is often caused by diabetes.



GLUTEN FREE

SUGAR FREE

## Recommended dosage

1 effervescent or coated tablet/day

## Average content per recommended daily dosage

Active Ingredients	Per tablet (effervescent or coated)	Per tablet (B-Vital totale 500)
Inositol	100.0 mg	100.0 mg
Vitamin B1	25.0 mg	25.0 mg
Vitamin B2	25.0 mg	25.0 mg
Vitamin B5	18.0 mg	18.0 mg
Vitamin B6	9.5 mg	9.5 mg
Active form of folic acid (5-MTHF)	400.0 mcg	400.0 mcg
Vitamin B12	25.0 mcg	500.0 mcg



# B-Vital<sup>®</sup> totale

 100 ML ORAL SOLUTION

 30 ML DROPS

Food supplement

**Vitamin B complex with folic acid (0.4 mg)  
in balanced doses.**

-  Contributes to homocysteine plasma levels control.
-  Helps to maintain normal function of nervous system.
-  Supports erythropoiesis and energy metabolism.

## Unbalanced diets

A deficit of B vitamins may be linked to a vegetarian or vegan diet. An unbalanced diet, in terms of composition in nutritional elements and caloric intake, may hinder an optimal and harmonious growth, creating the conditions for haematological or neurological problems.

## Child obesity

Childhood obesity and overweight, traditionally associated with the concept of "hyper-nutrition", is considered a form of food-based malnutrition, high in calories but scarce of or even lacking micronutrients, such as essential vitamins. Indeed, childhood obesity is not only associated with cardiovascular risk conditions and diabetes, but also with micronutrient deficiency that can lead to other health problems. Children and adolescents with obesity have significantly lower plasma vitamin B12 concentrations compared to the normal-weight peers, and 10% of obese subjects have insufficient B12 vitamin levels. Vitamin B12, along with folic acid and vitamin B6, are inversely related not only to BMI (Body mass Index), but also to the FMI (Fat Mass Index) and to insulin sensitivity (or resistance).

## Sport activity

For a healthy growth, the sportive children diet needs a balanced intake of macro- and micro-nutrients to ensure adequate energy intake and restocking in order to fight the oxidative stress due to the increased reactive oxygen species produced by physical activity, and to enable the regeneration of damaged muscles.



GLUTEN FREE



SUGAR FREE



## Recommended dosage

Drops: 1.5 ml/day

Oral solution: children 5 ml/day; adult 10 ml/day

## Average content per recommended daily dosage

Active Ingredients	Per 10 ml (oral solution)	Per 1.5 ml (drops)
Inositol	100.0 mg	25.0 mg
Vitamin B1	10.0 mg	2.1 mg
Vitamin B2	10.0 mg	1.4 mg
Vitamin B5	18.0 mg	9.0 mg
Vitamin B6	9.5 mg	6.0 mg
Folic acid	400.0 mcg	400.0 mcg
Vitamin B12	25.0 mcg	18.0 mcg



# Catidral®

20-30 SACHETS

Medical device

Indicated for the oral treatment of acute and chronic diarrhea and symptoms related to gastrointestinal disorders, as well as in the prophylaxis of diarrhea caused by radiotherapy and chemotherapy.

- ✓ Rehydrates.
- ✓ Neutralizes pathogens and toxins.
- ✓ Strengthens the intestinal mucosal barrier.

## Gastroenteritis

Commonly defined as diarrhea or vomiting for 24 hours, acute gastroenteritis can be caused by different viruses, bacteria, and parasites, as well as by chemicals and other non-infectious agents. The frequency of detection of infectious agents occurs all year-long and is often related to acute gastroenteritis of viral origin.

## Cancer therapy related diarrhea

Diarrhea is an unpleasant but common side effect in people receiving treatment for cancer. Mucositis is a major side effect of chemotherapy, affecting intestinal function. Mucositis is a common and clinically significant side effect of both anticancer chemotherapy and radiation therapy that can affect any portion of the gastrointestinal tract. Not only it is associated with an adverse symptom profile, but also it may limit patient's ability to tolerate treatment if not adequately prevented and managed. Historically, mucositis has been described by its anatomical distribution and more precisely in gastrointestinal mucositis for lesions dominantly in the small intestine.

## Painful symptoms associated with gastrointestinal disorders

The most common functional disorders associated with abdominal pain are functional dyspepsia, diarrhea-predominant IBS, and functional abdominal pain syndrome. Patients with dyspepsia have pain that occurs shortly after meals, often associated with upper GI symptoms such as nausea, bloating, early satiety, or heartburn. Patients with IBS have intermittent abdominal pain, often related to meals. The relative abdominal pain is associated with an increase of defecation and softer and/or more frequent stools. Substances with an adsorbent effect can improve symptoms.



## Recommended dosage

### For the first 3 days:

Children > 2 years: up to 4 sachets per day

Adults: up to 6 sachets per day

Then continue with half dosage until full resolution of diarrhea.

**Catidral®** should not be used longer than 5 consecutive days.

The content of one sachet should be dissolved in 100 ml of water.



## Composition

### Functional Ingredients

### Per sachet

Diosmectite	3.0 g
Sodium chloride	0.263 g
Potassium chloride	0.0373 g
Tripotassium citrate anhydrous	0.162 g
Trisodium citrate	0.147 g
Glucose (dextrose anhydrous)	1.982 g



GAS

PED

NEU/GER

ONC

# Catidral<sup>®</sup> plus

20-30 SACHETS

Medical device

Indicated for the oral treatment of acute and chronic diarrhea and symptoms related to gastrointestinal disorders, as well as in the prophylaxis of diarrhea caused by radiotherapy and chemotherapy.

- ✓ Rehydrates.
- ✓ Nourishes the intestinal flora.
- ✓ Neutralizes pathogens and toxins.
- ✓ Strengthens the intestinal mucosal barrier.

## Gastroenteritis

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**Catidral<sup>®</sup>** should not be used longer than 5 consecutive days.

The content of one sachet should be dissolved in 100 ml of water.



CE marking of Medical Devices

GLUTEN FREE



## Composition

### Functional Ingredients

### Per sachet

Diosmectite	3.0 g
Sodium chloride	0.263 g
Potassium chloride	0.0373 g
Tripotassium citrate anhydrous	0.162 g
Trisodium citrate	0.147 g
Glucose (dextrose anhydrous)	1.982 g
Partially hydrolyzed guar gum	1.0 g



# Dianazen

○ 30 COATED TABLETS

Food supplement

Promotes relaxation and mental well-being.

- ✓ Relieves anxiety and improves emotional tone.
- ✓ Facilitates relaxation and sleep.
- ✓ Reduces palpitations & promotes blood pressure regulation.

### Anxiety

Anxiety disorders are common and disabling conditions. Most anxiety disorders affect almost twice as many women as men. They often co-occur with major depression, alcohol and other substance-use disorders, and personality disorders. Individuals with anxiety disorders are excessively fearful, anxious, or avoidant of perceived threats in the environment. The response is out of proportion to the actual risk or danger posed. Fear occurs as a result of perceived imminent threat whereas anxiety is a state of anticipation about perceived future

threats. To be diagnosed as an anxiety disorder, the fear and anxiety are marked, persistent, and associated with impairments in social, occupational, or other important areas of functioning.

### Insomnia and sleep disturbances

Sleep is a mandatory part of life that naturally rejuvenates us physiologically, biochemically and at the cellular and molecular level as well. On average, more than 30% of human life is spent sleeping. Sleep is directly associated with the proper function of the central nervous system, blood pressure maintenance, metabolism, catabolism, temperature regulation, memory consolidation and several other essential physiological functions. In recent times, insomnia and sleep disturbances have become common disorders affecting a large global population and impairing the general health and mental wellbeing. Insomnia is clinically characterized by difficulty in sleep onset or sleep maintenance or a combination of both and impairment of daily functionalities. Insomnia often leads to fatigue, energy depletion, impairment in concentration and increased irritability.



### Recommended dosage

1 tablet in the morning and 1 tablet in the evening half an hour before going to sleep.



### Average content per recommended daily dosage

Active Ingredients	Per 2 tablets
Sensoril® d.e. of which Whithanolide glycosides	400 mg 40 mg
Hawthorn d.e. of which vitexin rhamnoside	350 mg 10,5 mg
Magnesium	57 mg
Vitamin B6	8,40 mg





# Emacrit®

30 STICK PACKS 30 CAPSULES

Food supplement

**Contributes to the formation of red blood cells and to the reduction of tiredness and fatigue.**

- ✓ Contributes to normal oxygen transport.
- ✓ Supports immune response.
- ✓ Supports normal cognitive development of children.

### Iron Deficiency Anemia

it is the most common cause of anemia and usually results from blood loss. Red Blood Cells tend to be microcytic and hypochromic, and iron stores are low, as shown by low serum ferritin and low serum iron levels with high serum total iron-binding capacity.

### Iron Deficiency in women, elderly people and other patients

Some groups of people may have an increased risk of iron deficiency: women with hypermenorrhea, children who were born prematurely or don't get enough iron from breast milk or during growth sprouts, vegetarians, frequent blood donors.

During pregnancy or growth, iron deficiency can become severe and lead to health problems related to the heart. It is associated with an increased susceptibility to infections.

### Support to erythropoietin in Chronic Kidney Disease

Anemia commonly occurs in people with Chronic Kidney Disease. It may begin to develop in the early stages of CKD, when the patient has 20 to 50 percent of normal kidney function, and it tends to worsen as CKD progresses. When kidneys are diseased, they do not produce enough erythropoietin. As a result, the bone marrow makes fewer red blood cells, causing anemia.



**Recommended dosage**  
1 stick pack or capsule/day



### Average content per recommended daily dosage

Active Ingredients	Per capsule	Per stick pack
Microencapsulated and micronised iron saccharate equivalent to Fe <sup>3+</sup>	79 mg 30 mg	79 mg 30 mg
Vitamin C	70 mg	70 mg
Vitamin B6	3 mg	3 mg
Folic acid	300 mcg	300 mcg
Vitamin B12	10 mcg	10 mcg



# Enterovital<sup>®</sup>

10 SACHETS 8 MICRO VIALS

Food supplement

## Physiological modulation of the intestinal immune response (GALT).

- ✓ Synergy of action for a healthy microbiome, in a single dose
- ✓ Effective in improving eradication of *Helicobacter pylori*
- ✓ Gives immune system a boost

### Diarrhea

Diarrheal stools are often described as loose or watery. Associated symptoms can include abdominal cramps, fever, nausea, vomiting, fatigue and urgency. Bowel infections are common causes in both adults and children. Gastroenteritis can be caused by a virus or a bacterium, often encountered in the traveler's diarrhea. Diarrhea can also be the result of anxiety, a food allergy, a medication, or the Irritable Bowel Syndrome (IBS).

### Antibiotics therapy

The trillions of bacteria in the human gut affect the health in multiple ways including effects on immune functions and metabolism. Poor diversity in the gut ecosystem is a characteristic feature of chronic diseases including obesity, diabetes, asthma and gut inflammatory disorders.

Due to the general bacterial-killing nature of antibiotics, it has been speculated that the use of antibiotics deprives people of a rich gut bacterial environment causing adverse health effects.

### Helicobacter pylori eradication therapy

An ubiquitous Gram-negative, flagellated bacterium, residing in the human stomach, where it may cause both malignant and non-malignant diseases. A relevant problem related to *H. pylori* therapy failure is linked to patient compliance, which is often affected by antibiotic-associated adverse events, including diarrhea, nausea, vomiting and abdominal pain. Many meta-analyses have confirmed that co-administration of probiotics could restore microbial balance, preventing antibiotic-associated adverse events and having a beneficial effect on the eradication rates.



### Recommended dosage

1 sachet/day  
1-2 micro vials/day

GLUTEN FREE



SUGAR FREE



### Average content per recommended daily dosage

Active Ingredients	Per sachet	Per micro vial
Inulin	1.5 g	1.2g
Lactoferrin	50.0 mg	50.0 mg
L. acidophilus La-14	9.5 x 10 <sup>9</sup>	-
Bifidobacterium longum BB536	100.0 x 10 <sup>6</sup>	-
L. plantarum Lp-115	400.0 x 10 <sup>6</sup>	-
L. acidophilus LA3	-	2.5 x 10 <sup>9</sup>
Bifidobacteria Bb-02	-	2.5 x 10 <sup>9</sup>
L.plantarum BG1122	-	2.5 x 10 <sup>9</sup>



# Ginestra®

0 7 - 14 VAGINAL TABLETS

Medical device

**For the treatment and prevention of all cases of alteration of vaginal microflora.**

- ✓ Protects the vaginal mucosa through an antioxidant activity.
- ✓ Stimulates a microenvironment favorable to its healing.
- ✓ Provides hydration and tissue turgidity.

### Normal vaginal pH

Vaginal acidity is important in the maintenance of vaginal health. A healthy vagina is generally found to have a pH of 4±0.5, and this acidity has been shown to be effective against pathogens. The normal microflora, in a healthy vagina, is dominated by lactobacilli, which produce, among others, lactic acid to lower the vaginal pH.

The acidity of the vagina helps control bacteria and prevents the overgrowth of infection-causing anaerobes and other unfriendly pathogens, such as Gardnerella

vaginalis and Mycoplasma hominis, which prefer a higher pH. This acidic environment provides an effective natural protection for the vagina against infection and irritation as the majority of harmful micro-organisms cannot survive at a low pH.

### Vaginitis and Bacterial Vaginosis

Vaginitis is an inflammation of the vagina, usually characterized by any of the following: vaginal discharge, vulvar itching and irritation, vaginal odor or vaginal erythema. Many cases remain asymptomatic or present with only malodorous vaginal discharge, with no inflammatory complaints; thus is therefore referred to as "vaginosis" and not "vaginitis".

Bacterial Vaginosis is a common gynecological affection and vaginal discharge is one of the most common reasons for which women seek medical attention. Recurrent bacterial vaginosis requires treatment to return the vaginal flora back to normal. The three most common causes of vaginitis are bacterial vaginosis, being the most prevalent one, followed by candidiasis and trichomoniasis.

### Atrophy of vaginal mucosa (postmenopause)

Menopause is a phenomenon that inevitably occurs in the life of every woman, subject to the reduction of hormonal function of the ovaries. Characterized by a chronic progressive course, vulvovaginal atrophy significantly impairs the quality of life and sexual health of women. Women affected by this condition may present a variety of symptoms like vaginal and vulvar pain and irritation. Vaginal dryness due to hypoestrogenism can be accompanied by itching, burning, discharge, and dyspareunia. As the estrogen deficiency grows, dystrophic and atrophic changes develop in the vaginal mucosa, vulva, and other structures of the urogenital tract. Thus, in 7-10 years after the termination of menstruation, atrophic changes are observed in almost 50% of women.



### Recommended dosage

**Prophylaxis:** 1 vaginal tablet/day for 7 days  
**Treatment:** 1 vaginal tablet/day for 14 days



### Composition

Functional Ingredients	Per vaginal tablet
Lactobacillus acidophilus (CFU)	500 x 10 <sup>6</sup>
Lactic acid (at 60%)	15 mg
Soybean standardized dry extract to 40% in isoflavones in the aglycone's form	18 mg





# Leniref

14-20-24 STICK PACKS ○ 20-30 CHEWABLE TABLETS

Medical device

**Symptomatic treatment of gastric reflux and relative symptoms, such as: reflux esophagitis, acid regurgitation, heartburn and heartburn in pregnancy.**

- ✓ Barrier effect, with formation of the so-called “floating raft” to prevent the ascent of gastric contents along the esophagus.
- ✓ Alkalization, useful for buffering excessive gastric acidity.
- ✓ Protection of the gastro / esophageal mucosa to reduce symptoms and to promote healing.

### Heartburn

The backward flow of stomach acid into the tube that connects throat to stomach (esophagus). Typical symptoms include a burning pain in the chest after eating and during night-time, pain that worsens when lying down or bending over, or a bitter/acidic taste in the mouth. Abnormal reflux can cause atypical (extra-esophageal) symptoms, such as coughing and/or wheezing, hoarseness, sore throat, otitis media and non-cardiac chest pain.

### Reflux esophagitis

Reflux esophagitis is an esophageal mucosal injury that occurs secondary to retrograde flux of gastric contents into the esophagus, meanwhile, Gastroesophageal Reflux Disease (GERD) is a more severe form of reflux esophagitis. The most common symptom of GERD is frequent heartburn two or more times a week. Other signs and symptoms can include regurgitation of food or sour liquid, difficulty swallowing, coughing, wheezing, and chest pain, especially while laying down at night.

### Heartburn in pregnancy

During first trimester of pregnancy, heartburn is a common symptom because progesterone causes the relaxation of the valve. This allows stomach acid to pass into the esophagus and irritate its lining, which can increase the frequency of heartburn. During third trimester, heartburn and indigestion are more common because the growing uterus puts pressure on the intestines and the stomach. This pressure may push gastric juices back up into the esophagus.



### Recommended dosage

#### Chewable Tablets

Adults and adolescents from 12 years: 2 chewable tablets after meals and 2 in the evening before bed-time. Another 2 tablets can be taken before bedtime or during the day.

#### Stick pack

Adults and adolescents from 12 years: 1 stick pack after meals and in 1 the evening before bedtime. Another can be taken before bedtime or during the day.



### Composition

Functional Ingredients	Per stick pack	Per chewable tablet
Magnesium alginate	500 mg	250 mg
Mucosave® HC plus	120 mg	60 mg
Calcium carbonate	160 mg	80 mg
Potassium bicarbonate	80 mg	40 mg



# Liovital<sup>®</sup> AD

10 SINGLE-DOSE MICRO VIALS

Food supplement

**A support to recovery, asthenia and lack of appetite.**

- Contributes to stimulate appetite and to counteract fatigue.
- Supports immune response.
- Brings micronutrients in highly absorbable form.

### Convalescence

Loss of appetite is a common condition in children. Acute illness in childhood is often associated with transient loss of appetite. Prolonged loss of appetite associated with poor weight gain or loss of weight usually signifies a serious chronic illness. During convalescence can be present signs of asthenia, a feeling of lack of strength, excessive tiredness, energy loss or difficulty to concentrate.

### Anorexia of ageing

A wide variety of conditions can cause the appetite to decrease. These range between mental and physical illnesses. Loss of appetite can be caused by bacterial, viral, fungal, or other infections. There are various psychological causes for a decreased appetite. Many elderly lose their appetites, though the causes are not yet known. Stress has also been linked to a decreased appetite.

### Anorexia-cachexia syndrome

A complex metabolic syndrome of involuntary weight loss associated with cancer or chronic diseases. Literature suggests there is a range of pathways involved; the interactions between weight loss, nutritional intake and anorexia are not straightforward or predictable.



**Recommended dosage**  
1 micro vial/day



### Average content per daily dosage

Active Ingredients	Per reconstituted micro vial
Vitamin A	1,200.0 mcg
Vitamin D	12.5 mcg
Pollen dry extract	30.0 mg
Freeze-dried royal jelly	65.0 mg (equal to 200 mg in nature)
Cod liver oil dry extract	40.0 mg



# Liovital<sup>®</sup> mirtillo

8 MICRO VIALS

Food supplement

**Protects and supports microcirculation.**

- ✓ Contributes to counteract capillary fragility.
- ✓ Promotes microcirculation.
- ✓ Preserves mucous membranes trophism.

### Idiopathic Epistaxis

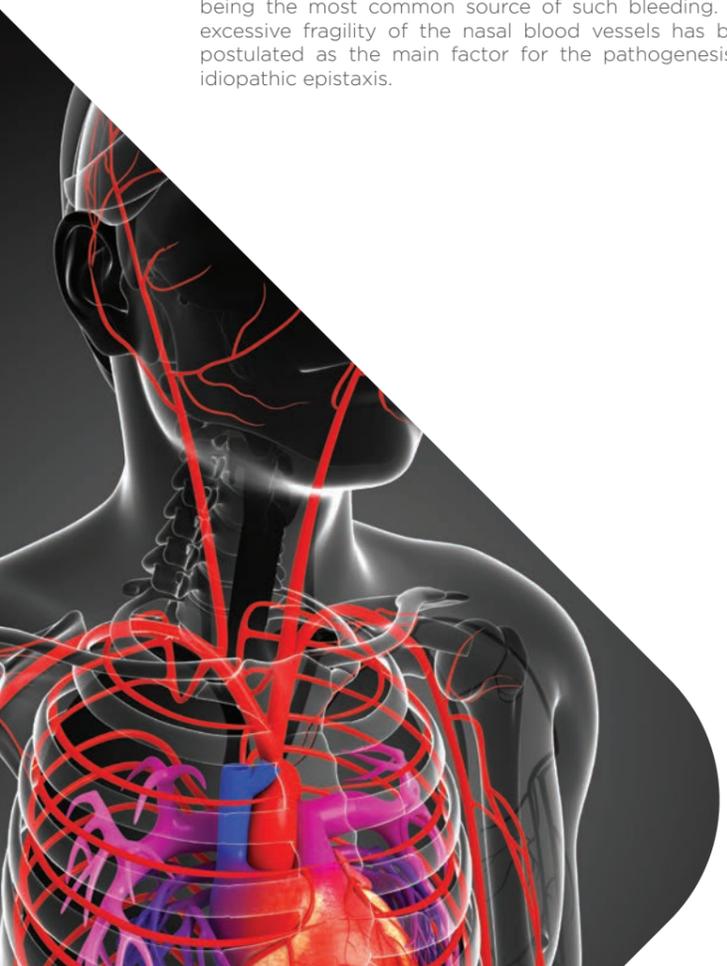
Epistaxis is one of the most prevalent emergencies in the ENT practice. It has a variable etiology; some of its causes are located in the nose, while others are secondary to systemic diseases; however, most of the cases (80%- 90%) are idiopathic. The underlying pathology of idiopathic epistaxis is not quite understood, with Kisselbach's plexus being the most common source of such bleeding. The excessive fragility of the nasal blood vessels has been postulated as the main factor for the pathogenesis of idiopathic epistaxis.

### Oxidative stress and vascular damage

Oxidative stress has been recognized as a key mechanism in the development of vascular damage. The oxidative hypothesis imposes that oxidative modification of different substrates is responsible for vascular damage and generation of ROS in vascular cells is determined to be part of the signaling system engaged by receptor-mediated cell stimuli. It has been observed that augmented oxidative stress and subclinical inflammation coexist in clinical conditions.

### Capillary fragility

The capillary and vascular fragility states are represented by alterations of the normal, physiological capillary resistance that can lead the affected subject to organic lesions, such as vessel rupture, or to para-physiological alterations of the vessel's function such as altered plasma filtration, fluids or cells that cause edema and local inflammation. At the capillary level there is an alteration of the normal endothelial functions, which involves the loss of some structural and functional characteristics. The alterations of the capillary walls are determined by a series of mechanisms associated to each other in sequences not always easily defined.



**Recommended dosage**  
1-2 micro vials/day



### Average content per recommended daily dosage

Active Ingredients	Per micro vial
Vaccinium myrtillus berry dry extract as Anthocyanins	228.00 mg 2.28 mg
Freeze-dried royal jelly	90.00 mg
Vitis vinifera seed dry extract as Procyanidins	57.00 mg 54.15 mg
Micronized pollen	50.00 mg



# Liovital<sup>®</sup> plus

10 MICRO VIALS

Food supplement

**A combination of a nootropic and an adaptogen.**

- ✓ Offers protection against physical or psychological stressors.
- ✓ Alleviates fatigue through mental improvements.
- ✓ Exerts cognitive performance upon demand.

## Mental fatigue

Best defined as the difficulty in initiating or sustaining voluntary activities, it is a common symptom of various illnesses. Mental fatigue represents a failure to complete mental tasks that require self-motivation and internal cues in the absence of demonstrable cognitive failure or motor weakness. Thus, mental fatigue decreases work productivity or study efficiency in daily life.

## Psychological stress

Psychological stress is used broadly to refer to the negative emotional, behavioral, and biological response to a perceived threat. Excessive or prolonged stress impairs emotional, physical, cognitive, and social functioning. Psychological stress activates the sympathetic nervous system (SNS), which regulates blood pressure, heart rate, and release of catecholamines; and the hypothalamic-pituitary-adrenal (HPA) axis, which regulates release of corticosteroids. Immune cells possess receptors for both catecholamines and glucocorticoids, and there is substantial evidence that these hormones modulate immune function.



## Recommended dosage

1-2 micro vials/day

GLUTEN FREE



## Average content per recommended daily dosage

Active Ingredients	Per micro vial
Freeze-dried royal jelly	80.000 mg
Ginseng dry extract	70.000 mg
Guarana dry extract as Caffeine	14.120 mg 1.412 mg





# Macrostop®

 250 ML ORAL SOLUTION  20-30 SACHETS

Medical device

Indicated for treatment of chronic constipation.

-  Increases water content and volume of the stool.
-  Makes stools softer.
-  Improves bowel motility.

## Constipation in children, elderly and Irritable Bowel Syndrome

Generally considered as a condition in which bowel movements occur less often than usual and/or consist of hard, lumpy stools, constipation is a common and uncomfortable condition and ranges from 20 to 74 % of patients, and negatively impacts quality of life. The etiology of constipation in the elderly is often multifactorial and may be associated with the presence of comorbidities, the use of medications, and sedentary lifestyles.

Irritable bowel disease is a chronic relapsing disorder that often requires long-term therapy and follow up. Its complex pathophysiology involves altered microbiome. Despite adequate treatment, a subgroup of patients exhibits persistent gastrointestinal symptoms such as abdominal pain, constipation and bloating that are not related to mucosal damage. Gastrointestinal motility disorders, which significantly impair overall quality of life, are also observed in IBS patients.

## Colon cleansing

Normally used as preparation for medical procedures, such as a colonoscopy, to eliminate waste material from the colon. However, it can be useful for other purposes, such as detoxification. The degree of bowel cleansing is a critical factor in diagnostic colonoscopy: decreases diagnostic accuracy, prolongs the procedure time and increases costs. Missed pathologic abnormalities can increase procedure-related complications.



CE marking of Medical Devices

## Recommended dosage

### MACROSTIP Oral solution:

- Infants from 6 months to 1 year:** 5-10 ml of solution a day (equal to 2.5-5 g of Macrolog)
- Children from 2 to 3 years:** 10-15 ml of solution a day (equal to 5-7.5 g of Macrolog)
- Children from 4 to 7 years:** 15-30 ml of solution a day (equal to 7.5-15 g of Macrolog)
- Adults and children over 8 years:** 20-40 ml of solution a day (equal to 10-20 g of Macrolog)

### MACROSTIP Sachets:

- Children from 3 to 6 years:** sachet (5 g) once a day
- Children from 7 to 11 years:** half sachet (5 g) once a day
- Elderly, adults and children from 12 years:** 1 sachet (10 g) 1-3 times a day



## Composition

Active Ingredients	Per sachet (Macrostop sachets)	250 ml (Macrostop oral solution)
Macrolog 4000	10 g	125 g





# Macrostip<sup>®</sup> psyllium

14-20-30 SACHETS

Medical device

Indicated for the treatment of occasional and chronic constipation of adults and children.

- ✓ Increases water content and volume of the stool.
- ✓ Makes stools softer.
- ✓ Improves bowel motility.

### Constipation in children and in women during pregnancy and breast feeding

Patients complain of reduced stool frequency or straining based on their own perception of what is normal or usual for them. Some definitions of chronic constipation include etiological considerations such as constipation secondary to medications, and/or neurological or systemic illnesses. Most commonly, chronic constipation is deemed primary or idiopathic.

Reports of its prevalence have varied widely, ranging from 0.7% to 29.6% in children and from 2% to 35% in adults in Europe, Oceania and North America. Constipation accounts for 2.5 million physician visits annually in the United States. Constipation has a significant impact on quality of life, affecting both physical and emotional well-being. Constipation is also common during pregnancy and for 6 weeks after giving birth. Due to the aforementioned factors, constipation should be considered as a major public health issue both in the pediatric and adult population.



CE marking of Medical Devices

### Recommended dosage

**Children and teenagers from 6 to 14 years:** 1 sachet per day

**Adults:** 2 sachets per day, preferably in the morning and in the evening.



### Composition

Functional Ingredients	Per sachet
Macrogol 4000	5 g
Psyllium fiber	3 g



# Roxane®

30 ORALLY SOLUBLE POWDER IN STICK PACKS

Food supplement

**For the treatment of Polycystic Ovary Syndrome, insulin resistance conditions, prediabetic states and as an adjuvant in controlled ovarian hyperstimulation protocols.**

- ✓ Menstrual Irregularity.
- ✓ Adjuvant in PCOS.
- ✓ Insulin resistance.

### Polycystic Ovary Syndrome (PCOS)

PCOS is a common female health concern, affecting 5 to 20 percent of women in reproductive age. The basic characteristic trait of PCOS is hyperandrogenism as a result of excessive androgen secretion or activity. However, hyperandrogenism is not the only diagnostic index for PCOS. According to the Rotterdam criteria, PCOS is defined by the existence of at least two of three criteria, which are hyperandrogenism, chronic anovulation, and polycystic ovaries on ultrasound findings. Patients with PCOS have various symptoms including menstrual dysfunction, hyperinsulinemia, infertility, glucose intolerance, type 2 diabetes, hirsutism, obesity, acne, metabolic syndrome, increased risk for the development of cardiovascular diseases, endometrium cancer, anxiety, obstructive sleep apnea, and abnormalities of lipid profile.

### Insulin resistance

As many as 30% to 40% of women who have polycystic ovary syndrome (PCOS) also have insulin resistance – a condition that leads to high glucose levels and the potential for pre-diabetes and type 2 diabetes. In fact, insulin resistance may be at the root of a patient's PCOS, playing a role in causing the condition in the first place, as well as exacerbating its symptoms. Insulin resistance requires management with lifestyle modifications or treatment with medication to prevent complications, so it's something every woman with PCOS should be screened for.

### Menstrual irregularity

Patients with PCOS have abnormal menstruation patterns attributed to chronic anovulation. Multiple small follicles (small cysts 4 to 9 mm in diameter) accumulate in the ovary, hence the term polycystic ovaries. None of these small follicles can grow to a size that would trigger ovulation. Some women have oligomenorrhea (ie, menstrual bleeding that occurs at intervals of 35 days to 6 months, with < 9 menstrual periods per year) or secondary amenorrhea (an absence of menstruation for 6 months).



**Recommended dosage**  
1 - 2 stick packs/day



### Average content per recommended daily dosage

Functional Ingredients	Per 2 sachets
Myo-inositol	1,400 mg
D-chiro-inositol	150 mg
L-carnitine	250 mg
Folate (5-MTHF)	400 mcg
Vitamin B12	50 mcg
Vitamin D	25 mcg
Vitamin E	30 mg
Selenium	70 mcg



# Sinergen *minerale*®

20 EFFERVESCENT TABLETS

Food supplement

**High dosage of magnesium and potassium, highly digestible to quickly restore the hydrosaline balance.**

- ✓ Supports neuromuscular functionality.
- ✓ Promotes resistance to prolonged physical effort.
- ✓ Contributes to hydrosaline balance maintenance.

## Intense sweating during hot season and heavy works

Micronutrient levels are closely related to many functions of the body. Magnesium, potassium, and vitamin C are required in adequate amounts to maintain health and optimal physiologic function. Dietary intakes of vitamin C, potassium, and magnesium, for instance, are inversely correlated with blood pressure. The body temperature of people exposed to high temperatures is regulated through the production of sweat, which, in large amounts, causes the excretion of water-soluble vitamins and minerals, leading to micro-nutrient deficiencies in vivo and increasing their requirements.

## Intensive and prolonged physical efforts

For physically active persons, adequate amounts of magnesium, potassium and vitamin C are needed in the diet to ensure the capacity for increased energy expenditure and work performance. Inadequate intakes of magnesium, potassium and vitamin C have been reported for participants in activities, mostly for the reduction of body weight. Acute, intense activity results in short-term increases in both urine and sweat losses of minerals.

## Pre-menstrual syndrome

Up to 90% of women have experienced some form of premenstrual syndrome during their reproductive years. In approximately 5% to 8% of these women, affective symptoms are severe and cause substantial impairment of normal daily functioning. An interaction of gonadal steroid hormone and central nervous system neurotransmitters appears to contribute to the development of premenstrual syndrome. Characteristic symptoms of PMS include physical, psychological and behavioural symptoms: breast tenderness, headaches, musculoskeletal pain, abdominal swelling, depression, changes in appetite, fatigue or lethargy, mood swings, irritability, sleep disturbances, tension, and poor concentration. Several vitamins and minerals are essential for neurotransmitter synthesis and hormonal balance, both involved in the underlying pathogenesis of PMS.



## Recommended dosage

1 effervescent tablet/day

GLUTEN FREE



SUGAR FREE



## Average content per recommended daily dosage

Active Ingredients	Per tablet
Potassium bicarbonate equivalent to K <sup>+</sup> (potassium-ion free)	768.20 mg 300.00 mg
Magnesium carbonate Magnesium lactate equivalent to Mg <sup>++</sup> (magnesium-ion free)	702.00 mg 392.50 mg 220.00 mg
Ascorbic acid (vitamin C)	180.00 mg



# Stenorex®

30 SACHETS

Food supplement

**Immuno-metabolic synergy of active ingredients at high dosages.**

- ✓ Supports protein synthesis.
- ✓ Supports immune response.
- ✓ Supports the reproductive functions.

### Supports athletic performances during intense exercise

Athletes need supplementation of amino acids, vitamins and minerals for the maintenance of good health by contributing to the required intake of these nutrients, to the management of micronutrient deficiencies, and to the provision of energy and macronutrient needs. Other specific uses of supplements include performance direct enhancement, or the indirect benefits that arise from the provision of support for hard training, bodywork, the alleviation of musculoskeletal pain, rapid recovery from injury and enhancement of mood.

### Erectile dysfunction

The inability to get and keep an erection firm enough for sex. Having erection trouble from time to time isn't necessarily a cause for concern. If erectile dysfunction is an ongoing issue, however, it can cause stress, affect your self-confidence and contribute to relationship problems. Problems to get or keep an erection can also be a sign of an underlying health condition that needs treatment. Erectile dysfunction symptoms might include persistent troubles getting and/or keeping an erection, or reduced sexual desire.

### Supports fertility in men

Idiopathic male infertility is an important contributor to infertility overall. Infertility is described as the inability to conceive after at least a year of unprotected intercourse and influences about 15% of couples worldwide. Male infertility affects approximately 7% of men. Infertility is a heterogeneous disorder that may be a result of genetic or environmental factors or both. Among the factors contributing to male infertility, asthenospermia constitutes both a health and a social problem frequently associated with alterations in sexual function. Studies have shown that some amino acids, vitamins and minerals improve sperm motility and sexual performances.



### Recommended dosage

1 sachet/day



### Average content per recommended daily dosage

Active Ingredients	Per 1 sachet	Per 2 sachets
L-arginine	1,000.0 mg	2,000.0 mg
L-lysine	500.0 mg	1,000.0 mg
L-cystine	200.0 mg	400.0 mg
L-citrulline	1,000.0 mg	2,000.0 mg
Vitamin C	300.0 mg	600.0 mg
Vitamin B1	12.5 mg	25.0 mg
Zinc	7.5 mg	15.0 mg
Vitamin B12	12.5 mcg	25.0 mcg
Vitamin B9 (folic acid)	200.0 mcg	400.0 mcg
Vitamin D	10.0 mcg	20.0 mcg



# Venolen<sup>®</sup> plus

0 30 COATED TABLETS

Food supplement

**Rapid reduction of pain and local oedema.**

- ✓ Contributes to venous system efficiency.
- ✓ Preserves hemorrhoidal plexus trophism.
- ✓ Supports regular lymphatic drainage.

## Chronic Venous Insufficiency

CVI is a condition that occurs when the venous walls and/or valves in the leg veins are not working effectively, reducing blood's return to the heart from the legs. CVI causes blood to "pool" in these veins - a condition called stasis. Valve damage may occur because of aging, extended sitting or standing, or a combination of aging and reduced mobility. When the veins and valves are weakened to the point where it is difficult for the blood to flow up to the heart, blood pressure in the veins stays elevated for long periods of time, leading to CVI.

## Oedema and lymphedema

Lymphedema refers to swelling that generally occurs in arms or legs. Lymphedema is most commonly caused by the removal of or damage to your lymph nodes as a part of cancer treatment. It results from a blockage in your lymphatic system, part of the immune system. The blockage prevents lymph fluid from draining well, and the fluid buildup leads to swelling.

## Haemorrhoids

Haemorrhoids are variceal dilatations of the anal and perianal venous plexus and often developed by the elevated venous pressure within the haemorrhoidal plexus. Haemorrhoids are among the most common benign anorectal pathologies which usually manifest with the common symptoms and signs of bleeding, pain, pruritus, swelling and discharge.



## Recommended dosage

1 tablet/day

GLUTEN FREE

SUGAR FREE

## Average content per recommended daily dosage

Ingredient	For 1 tablet
µSMIN Plus <sup>®</sup> of which diosmin	375 mg 300 mg
Troxerutin	300 mg
Horse-chestnut d.e.	100 mg
Vitamin C	25 mg

# Venolen® idrogel

 100 ML TUBE

Dermo-cosmetic

**Alcohol free gel with cool effect, for prompt relief from pain and swelling.**

-  Contributes to counteract legs swelling and heaviness.
-  Helps to maintain tissue elasticity.
-  Hydrates and refreshes the skin.

## Heavy legs

Insufficient blood circulation in the veins of the legs might be caused by genetic factors, may occur after trauma, or may result from a blood clot. Poor movement of blood up the legs may cause swelling and puffiness, feelings of heaviness, tingling, cramps, pain, varicose veins and changes in skin pigmentation. If severe insufficient blood circulation occurs, ulcers and skin wasting can develop.

## Oedema

Leg swelling caused by the retention of fluids in leg tissues is known as peripheral oedema. It can be caused by a problem with the circulatory system, the lymphatic system or the kidneys. Leg swelling is not always a sign of heart or circulation problems. You may often experience swelling due to fluid buildup from being overweight, inactive, after sitting or standing for a long time, or from wearing tight stockings.

## Skin

Dry skin is a common problem during the winter months, when the skin is exposed to colder temperatures and lower levels of moisture in the air. However, some people experience chronic or long-lasting dry skin.



ALCOHOL  
FREE

PARABEN  
FREE

## Recommended dosage

2-3 applications/day

## Average content per recommended daily dosage

Active Ingredients	for 100 g of gel
Troxerutin	1.00 g
Escin	0.75 g
Glucosaminoglycans	0.60 g



# Viscoflu®

20 SACHETS

Food supplement

**Fluidifying and decongestant actions for airways wellness.**

- ✓ Fluidifies airways secretions.
- ✓ Decongests mucosa.
- ✓ Supports mucociliary clearance.

### Respiratory diseases with viscous hypersecretion

Airway mucus hypersecretion is an important pathophysiological and clinical manifestation of chronic obstructive pulmonary disease, bronchial asthma, bronchiectasis, pulmonary cystic fibrosis, and other chronic airway inflammatory diseases. Inflammation and oxidative stress are involved in the pathogenesis of chronic airway inflammatory diseases, trigger excessive mucus production and secretion.

### Respiratory diseases with painful inflammation, viral and bacterial infection

The mucous membrane of the nose, the sinuses and the bronchial tubes are lined with cells that produce mucus, which is normally swept along by hair cells and drained out of the body. Inflammatory diseases of the airways, often caused by infections or allergies, determine swelling (due to inflammation) and the production of high amounts of mucus as a defense reaction. Inflammatory processes of the upper airways may alter the responsiveness of the lower airways.



### Recommended dosage

**Children:** > 3 years old = 1 sachet/day

**Adults:** 2 sachets/day

### Average content per recommended daily dosage

Active Ingredients	Per sachet
N-acetyl-L-cysteine as cysteine	300.00 mg 222.72 mg
Vitamin C	200.00 mg
Enzymes from fermented maltodextrins	33.00 mg
Riboflavin	1.40 mg





# Viscoflu®

5 x 5 ML AMPOULES 30 ML NASAL SPRAY BOTTLE  
 10 x 5 ML AMPOULES

Medical device

## Fluidifying and decongestant actions for airways wellness.

- ✓ Fluidifies airways secretions.
- ✓ Decongests mucosa.
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### Recommended dosage

**Ampoules (for aerosol therapy or nasal shower):** 1 ampoule for each session, doing 1-2 sessions per day for 5-10 days

**Nasal spray:** 2-3 actuations in each nostril two-three times a day for no more than 10 days.

Viscoflu (ampoules and nasal spray) are contraindicated in children under 2 years of age.

### Content in functional ingredients:

N-acetyl-L-cysteine 6% and hypertonic saline solution 3%

Functional Ingredients	Per 1 ampoule (5 ml)
N-acetyl-L-cysteine	300 mg
Sodium chloride	150 mg

# Viscoflu®

 20 ML ORAL SPRAY

Medical device

**Protective treatment in case of inflammatory processes of the pharyngeal and oral mucosa.**

- ✓ Forms a protective moisture barrier coating.
- ✓ Exerts an anti-inflammatory effect.
- ✓ Reduces oxidative stress damage.

## Upper Respiratory Tract Infections (URTIs)

URTIs can be defined as self-limited irritation and swelling of the upper airways with associated cough and no signs of pneumonia. Upper respiratory tract infections involve the oral cavity, pharynx, larynx, and large airways. An URTI usually involves direct invasion of the upper airway mucosa by a microorganism. Pathogens are usually inhaled through infected droplets.

## Pharyngitis

An inflammation of the pharynx. The condition generally causes pain and a sensation of scratchiness in the region of the throat, as well as difficulty swallowing. The condition is typically referred to as sore throat. Pharyngitis is very common, and usually caused by a viral infection, or, more rarely, a bacterial infection. In the majority of cases, it will disappear within a week, though can last longer. Treatment usually focuses on managing the symptoms.

## Laryngitis

A short-term inflammatory condition affecting the larynx, typically lasting less than 3 weeks. Laryngitis may have infectious or non-infectious causes, including overuse of the voice which puts a strain on the vocal cords, or Gastrointestinal Reflux Disease (GERD). Laryngitis caused by GERD is called reflux laryngitis.



CE marking of Medical Devices

## Recommended dosage

**Children from 3 to 6 years:** apply 1-2 puffs in the mouth; repeat up to 3 times during the day

**Adults and children over 6 years:** apply 2-4 puffs in the mouth; repeat up to 5 times during the day

## Composition

Functional Ingredients	20 ml
<b>Ectociclina-PROg®</b>	6.4 g
Propolis and Grapefruit	6.0 g
Ectoine	0.4 g