

Dietary supplement

# ProSlimer® NEW

**DUOLIFE MEDICAL FORMULA PROSLIMER® NEW** is a dietary supplement based on the proprietary BioSlimer formula and exclusively natural ingredients, enclosed in innovative delayed release capsules that improve the absorption of active compounds.



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DuoLife MEDICAL FORMULA PROSLI-MER® NEW are plant extracts supporting weight control, as well as metabolic and antioxidant processes. It is a wealth of antioxidant polyphenols supporting normal glucose and cholesterol blood levels, and helping with lipid and carbohydrate management in the body. It is also a valuable fibre supporting the function of intestinal flora and normal intestinal peristalsis, and caffeine and organic acids contributing to reduction in the fatty tissue.

## When?

Overweight and obesity are today a global health problem<sup>1</sup>. Excessive accumulation of body fat is not only a matter of aesthetic or psychological nature, but also a threat to health and fitness; obesity is associated with an increased risk of many chronic diseases such as atherosclerosis, hypertension and diabetes<sup>1</sup>. Proper body weight is a result of many metabolic processes in the body and depends on the carbohydrate, lipid and water metabolism of the body, but most of all it depends on an appropriate and balanced diet. In overweight people, proper supplementation can support their dietary recommendations, which helps reduce body fat and control blood sugar and cholesterol levels. A similar supplementation is a support for people who want to keep their skin looking young, as well as those who are struggling with cellulite.

## How?

Dietary supplement DuoLife MEDICAL FORMULA PROSLIMER® NEW provides the body with valuable antioxidants contained in plant extracts, contributing to maintaining normal blood glucose and cholesterol levels. In addition, the natural active compounds present in the preparation, such as hydroxycitric acid, chlorogenic acid, fibre (including inulin), caffeine and triterpenes, support the body in the fight against overweight and cellulite on a synergic basis.

DuoLife MEDICAL FORMULA PROSLIMER® NEW supports:

- ▶ lipid and carbohydrate management in the body;
- ▶ weight loss process, also helping reduce craving for sweet foods;
- ▶ reduction in fatty tissue and cellulite;
- ▶ water management in the body;
- ▶ metabolic processes;
- ▶ regulation of the ghrelin ("hunger hormone") levels;
- ▶ gradual reduction of the amount of calories consumed;
- ▶ antioxidative processes;
- ▶ body detoxification processes;
- ▶ gastrointestinal tract function: intestinal flora function;
- ▶ functions of blood vessels;
- ▶ skin condition, helping to prevent the loss of its elasticity following weight loss;
- ▶ optimum capacity of the body during exercise.



### **DuoLife MEDICAL FORMULA PROSLIMER® NEW – usage:**

1-2 capsules daily.

## Composition table

Content of ingredients per average daily dosage	1 capsule	2 capsules
Garcinia cambogia fruit extract	100 mg	200 mg
BioSlimer® (proprietary formula derived from citrus fruit and guarana ( <i>Paullinia cupana</i> ))	60 mg	120 mg
acai fruit extract ( <i>Euterpe oleracea</i> )	50 mg	100 mg
goji fruit extract ( <i>Lycium barbarum</i> )	50 mg	100 mg
young barley grass extract ( <i>Hordeum vulgare</i> )	50 mg	100 mg
green coffee extract(including 2,87% of caffeine)	50 mg (1,435 mg)	100 mg (2,87 mg)
chlorogenic acid	25 mg	50 mg
Centella asiatica extract	10 mg	20 mg

\*NRV – reference daily intake for an average adult (8400 kJ/2000 kcal)

**Ingredients:** Garcinia cambogia fruit extract 5:1, BioSlimer® proprietary formula obtained from citrus fruit and guarana (*Paullinia cupana*), acai fruit extract (*Euterpe oleracea*) 12:1, goji fruit extract (*Lycium barbarum*) 12:1, young barley grass extract (*Hordeum vulgare*) 25:1, green coffee extract standardised for the content of 50% chlorogenic acid (incl. 2,87% of caffeine), chicory root inulin (FOS), Asiatic pennywort extract (*Centella asiatica*) 10:1. Capsule ingredients: hydroxypropyl methylcellulose (HPMC), gellan gum, chlorophyllin and chlorophyll (dye). Anti-caking agent: silica.

Do not exceed the recommended daily intake. The product should not be used as a substitute for a varied diet. Balanced diet and a healthy lifestyle are the basis for proper functioning of human body.

## The herbal extracts contained in the preparation have a ratio of 5:1 and 12:1 and 25:1 next to their names - this is the so-called DER. What does it mean?

DER (drug extract ratio) specifies a number of milligrams of plant material used to obtain one milligram of the extract.

If the capsule contains 100 milligrams of garcinia (or other herbal extracts) DER 5:1, this means that 500 milligrams of raw material were used to obtain the capsule. The capsules from the Medical Formula NEW line have an increased DER, so the same (or even lower) amount of the extract may provide a larger dose of active substances.

## Garcinia cambogia and green coffee have a clinically proven effect on weight loss.

- ▶ Hydroxycitric acid contained in garcinia fruit helps reduce appetite (by affecting the secretion of serotonin) and inhibits the synthesis of fatty acids and cholesterol; hydroxycitric acid also reduces the level of ghrelin - a hormone called „hunger hormone“, thus helping to reduce appetite in people slimming down. Garcinia cambogia also helps protect the body from diseases associated with overweight: thanks to its antioxidant properties, it helps maintain proper cholesterol and blood glucose levels, supporting the prevention of atherosclerosis, hypertension and diabetes<sup>2-4</sup>.
- ▶ The main active ingredient of green coffee is polyphenols, especially chlorogenic acid; this compound has an antioxidant effect and may also limit intestinal absorption of glucose, thus contributing to maintaining normal blood sugar levels and body weight. Chlorogenic acid also supports the condition of blood vessels, helping to protect the body against hypertension<sup>1,5,6</sup>. Caffeine present in green coffee supports the action of the raw material, contributing to an increase in thermogenesis, stimulation of metabolism and an increase in body fat burning<sup>7,8</sup>.

Acai berries, goji berries and centella synergistically support the action of the other ingredients of the preparation.

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- ▶ Acai berries are an extremely rich source of antioxidants, supporting the prevention of diseases associated with overweight: diabetes, atherosclerosis and hypertension; antioxidants also help slow down the processes of overall aging of the body. The phytosterols contained in acai inhibit the absorption of cholesterol from the gastrointestinal tract, helping to regulate its level in the blood and contributing to maintaining proper body weight<sup>9</sup>.
- ▶ The polysaccharide fraction contained in goji berries is responsible for the health-supporting properties of the raw material - antioxidant properties, delaying the aging of cells, supporting the maintenance of normal cholesterol and glucose levels in blood and supporting the control of normal body weight<sup>10</sup>.
- ▶ Centella owes its health-supporting properties to triterpenic compounds - it protects cells from oxidative stress, supports collagen synthesis, contributing to maintaining good skin condition and reducing stretch marks. It can also influence accumulation of fat in the adipose tissue, supporting weight loss, and improving microcirculation in the skin, contributing to elimination of cellulite. The water management of the body is also supported by the slightly diuretic effect of the raw material<sup>11,12</sup>.

## How does the proprietary BioSlimer formula work?

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The proprietary composition of active compounds obtained from citrus fruits and guarana supports weight loss and helps maintain proper body weight.

Citrus fruit is a valuable source of nutrients, including vitamin C and other antioxidants, as well as fibre. This way it supports the development of intestinal flora, as well as antioxidative processes in the body, supporting prevention of diabetes and hypertension - disorders accompanying excessive weight<sup>13</sup>.

Guarana, similarly as green coffee, is a source of methylxanthines, including caffeine. Caffeine supports the maintenance of normal body weight through its influence on stimulation of thermogenesis and metabolism, thus increasing burning of the fat. Polyphenols contained in the raw material support the antioxidant processes, protecting the cells from the harmful effects of free radicals, thus slowing down the ageing process of the organism<sup>14,15</sup>.

## Why can the fibre contained in young barley and inulin from the chicory root promote weight loss?

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Young barley is a source of soluble and insoluble dietary fibre: both fractions of dietary fibre have a beneficial health-supporting effect, helping to maintain normal body weight<sup>16</sup>.

Insoluble fibre is a so-called ballast component - it does not get digested, but fills the digestive tract, prolonging the feeling of satiety. Moreover, it supports the functions of the digestive tract, binds water and accelerates the intestinal passage, thus helping to prevent constipation and purifying the body.

Soluble fibre is also not digested but takes on the consistency of gel in the intestinal environment, protecting the digestive tract. This fraction also reduces the absorption of cholesterol and carbohydrates, contributing to lower blood glucose and cholesterol levels. Moreover, soluble fibre stimulates the development of physiological microflora in the large intestine<sup>17</sup>.

Barley has many health-supporting properties; it supports not only the functioning of the gastrointestinal tract, but also the immune and cardiovascular systems. It promotes the cleansing and detoxification of the organism and, thanks to its diuretic properties, supports the functions of the urinary tract and water management of the organism<sup>16,17</sup>.

Inulin belongs to the soluble fibre fraction, contributes to maintaining the bacterial balance in the intestines, stimulating the growth of natural intestinal microflora; by supporting the functions of the gastrointestinal tract, inulin promotes proper intestinal peristalsis and regulation of excretion, helping to maintain proper body weight<sup>18</sup>.

## What makes DuoLife MEDICAL FORMULA PROSLIMER® NEW different?

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- ▶ **Capsules made of organic cellulose derivative (HPMC)**, containing also chlorophyll derivatives, without preservatives, gluten and gelatin, suitable also for vegans and vegetarians (plus kosher and halal certificates), with delayed release time, with clinical trials\* - improving the absorption of active compounds contained inside the capsule, which translates into increased concentration of active substances in the body.
- ▶ **Packaging free of bisphenol A (BPA)**, a compound with controversial health effects<sup>19</sup>.
- ▶ **100% natural ingredients, with an additional content of prebiotic** - inulin from the common chicory root; inulin stimulates the development of natural intestinal microflora, thus supporting function of the gastrointestinal tract<sup>18</sup>; it has a low glycaemic index.
- ▶ **Formulation prepared in consideration of the principles of synergy and antagonism.**
- ▶ **Complete ingredients, with their biological background maintained**, improving their bioavailability.
- ▶ **The product DOES NOT CONTAIN preservatives and artificial fillers, and IS GMO FREE** – the raw materials used to develop the supplement ARE NOT DERIVED from genetically modified plants.
- ▶ **The product is GLUTEN-FREE** - can be used by people with gluten intolerance.
- ▶ **Concentrated formula** – making the supplement easy to use: once or twice a day.

***i** The references for DuoLife Medical Formula ProSlimer® can be found on a separate binder sheet.*

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\*Study conducted in 2013 by Bio-Images Research Laboratory in Glasgow, Scotland

## References

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