

# Neothrombin®

ally of the circulatory system





## for PREVENTION

high concentration of lycopene in the blood reduces the formation of atherosclerotic lesions



## for TREATMENT and REGENERATION

regeneration of the heart muscle

decrease in total cholesterol concentration by 6% and LDL fraction by 13%

regeneration of the vascular endothelium

# Neothrombin®

Neothrombin® contains the combination of various extracts from tomato and watermelon, therefore, it has both isomers of lycopene - cis and trans.

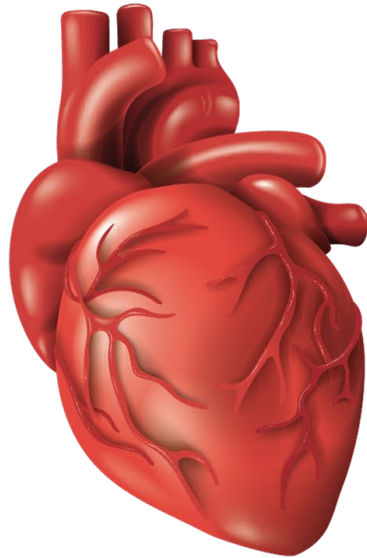
Their effect has been enhanced with synergistically acting L-arginine and resveratrol, which resulted in:



- ✓ higher bioavailability of active ingredients
- ✓ better solubility in bile salts
- ✓ greater affinity for proteins and lipoproteins involved in transport in the bloodstream
- ✓ greater effectiveness in preventing platelet aggregation

# Neothrombin<sup>®</sup> how does it work?

**hipertension**



**atherosclerosis**

## lycopene

- ↓ total lipids
- ↓ serum total cholesterol
- ↓ serum LDL-cholesterol
- ↑ serum HDL-cholesterol



**antioxidant protection**

↓RFA ↓RFT ↓O<sub>2</sub>



**anti-inflammatory protection**

↓NF-κβ

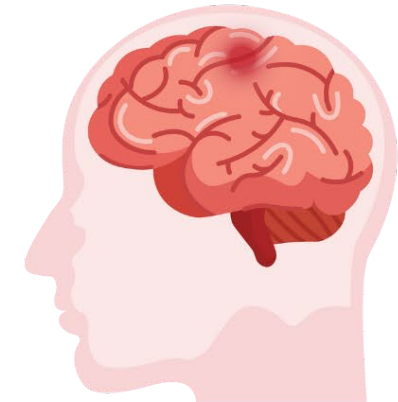


# Neothrombin<sup>®</sup> how does it work?

Neothrombin<sup>®</sup> contains resveratrol and L-arginine, which improves blood circulation and eliminates the feeling of heavy and tired legs.



increase endothelial NO production  
prevents arterial stiffness and vascular remodeling



enhance cerebral blood flow



# Neothrombin<sup>®</sup> when should I take it?

„heavy legs” and circulation problems in your lower limbs



strength and greater elasticity of the vessels

when you have elevated cholesterol level (stress, improper diet)



inhibits adherence and sticking of platelets and decrease cholesterol level

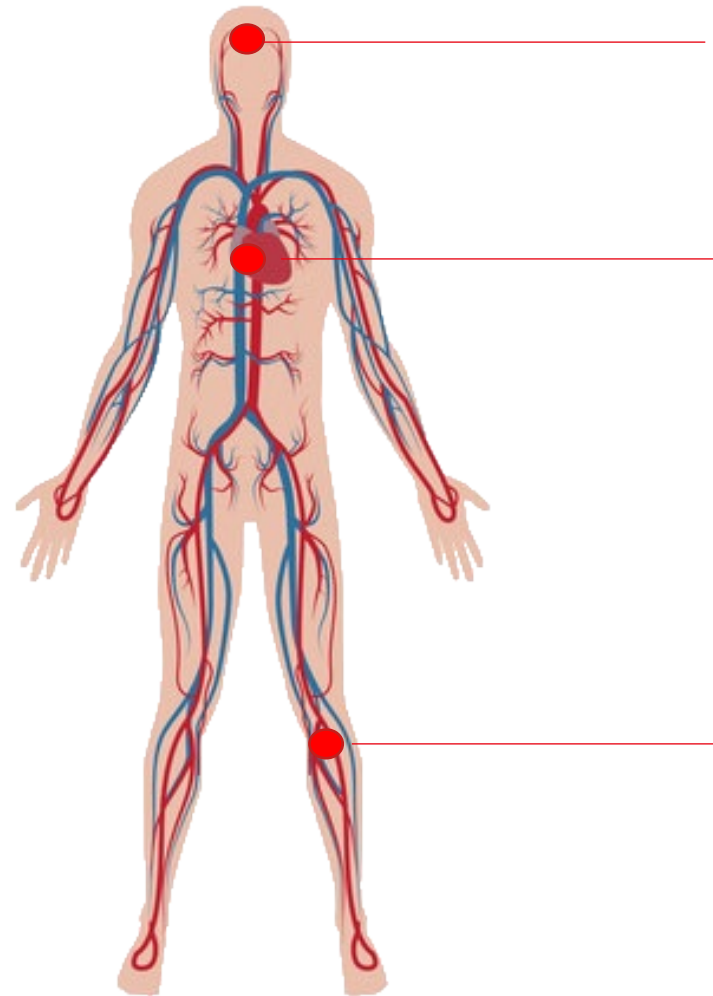
when you want to take care of your circulatory system



regulates blood pressure and regenerate heart muscle

# Neothrombin<sup>®</sup> healthy circulatory system

Only one capsule a day  
may:



- prevent vascular changes in the brain (including strokes)

- prevent myocardial infarction
- help treat heart failure and relieve chest pain caused by coronary heart disease

- reduce risk of platelets clots, deposits and stenoses in the lumen of blood vessels

# Neothrombin® – clinically proven efficiency

Lipid profile	Simental-Mendia et al.	2019	RCT	71 patients with newly diagnosed dyslipidemia	RES significantly reduced total cholesterol level
Lipid profile	Gal et al.	2020	RCT	60 patients	RES significantly reduced total cholesterol and LDL-cholesterol levels
Blood pressure	Fogacci et al.	2018	Meta-analysis	681 obese subjects	RES significantly decreased the systolic blood pressure



# Neothrombin<sup>®</sup> – clinically proven efficiency

Valderas-Martinez et al., 2016 (Spain)	Atherosclerosis	RCT, Crossover	40 healthy patients aged 28 ± 11 years	<p>Randomly selected patients received (<i>n</i> = 19 men, <i>n</i> = 21 women): I: Raw Tomato (RT): 7 g of tomato/kg of body weight, II: tomato sauce (TS): 3.5 g of tomato sauce/kg of body weight; III: tomato sauce with olive oil (TSOO): 3.5 g of tomato sauce with refined olive oil/kg of BW; IV: control: 0.25 g of sugar dissolved in water/kg of BW for 14 weeks</p>	<p>The three groups of products used: RT, TS and TSOO among the examined patients resulted in: ↓TC, ↓LDL, ↑HDL. In the assessment of inflammatory markers, the products (TR, TS, TSOO) caused: ↓MCP-1. Whereas, TR and TOOO: ↓IL18 and TOOO: ↓IL6, ↓VCAM-1</p>
Wolak et al., 2019 (Israel)	Blood pressure	Parallel, RCT	61 hypertensive patients aged 35–60 years	<p>Patients divided into 5 groups: I receiving the tomato nutrient complex, (TNC) containing 5 mg of lycopene (<i>n</i> = 12 patients), II receiving TNC containing 15 mg of lycopene (<i>n</i> = 12 patients), III receiving TNC containing 30 mg of lycopene (<i>n</i> = 13 patients), IV taking synthetic lycopene in the amount of 15 mg (<i>n</i> = 12 patients), V taking a placebo—lycopene-free capsules (soybean oil) (<i>n</i> = 12 patients) administered once daily for 8 weeks</p>	<p>Supplementation with TNC containing lycopene 15 (from 137.4 mmHg to 127.2 mmHg) and 30 mg (from 136.4 mmHg to 130 mmHg) caused a decrease in SBP. On the other hand, TNC (lycopene 5 mg) and synthetic lycopene 15 mg had no effect on the decrease of SBP. In the case of diastolic blood pressure (DBP), a TNC containing 15 mg of lycopene had a beneficial effect on its reduction (from 83.8 to 78.6)</p>

# Neothrombin®

The box contains 30 capsules

ingredient	amount of ingredient in 1 capsule
Trans-lycopene	14 mg
Cis-lycopene	14 mg
resveratrol	100 mg
L-arginine	200 mg

**Dosage:**

1 capsule a day



# Neothrombin<sup>®</sup> advantages

**Neothrombin<sup>®</sup> a natural inhibitor of platelet aggregation.**

- For healthy platelet function and healthy blood flow
- in the primary prophylaxis of cardiovascular events
- Especially recommended for risk groups such as diabetics, hypertension, obesity and smokers
- No side effects, no increased bleeding tendency
- **No side effects and no impact on the natural blood clotting**

