

POMOLIVE By Natac

Combats Metabolic Syndrome
Apple & Olive Extract



Decreases Abdominal Fat, Triglycerides & Serum Glucose

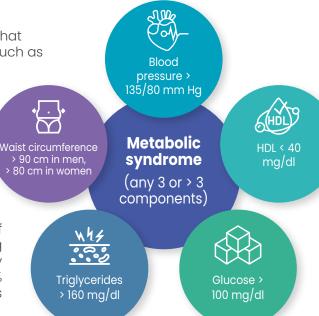
Metabolic Syndrome

Metabolic Syndrome (MS) denotes a cluster of conditions that increase the risk of heart disease and other health issues, such as diabetes and cerebrovascular accidents.

Specifically, MS is defined by interconnected physiological, biochemical, clinical, and metabolic factors. As a result, MS directly increases the risk of coronary heart disease and type 2 diabetes, and all-cause mortality.

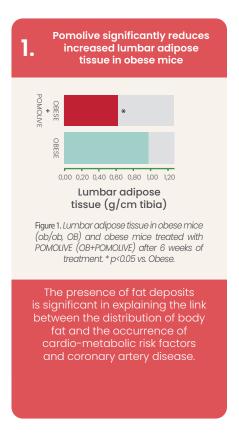
Prevalence

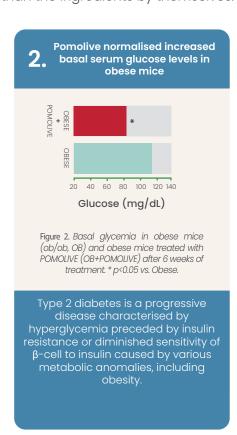
There is strong epidemiological evidence that regardless of the criteria used, the prevalence of MS is high and growing in all western societies and Asia, likely due to the obesity epidemic. It has been estimated that approximately 10–30% of the world's adult population has MS. In the United States and Europe the prevalence is higher, ranging from 22–24%.

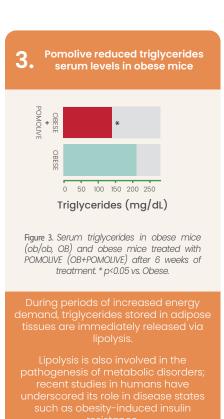


Why Pomolive?

Preclinical Approach: Our preclinical studies show the synergistic effect of apple and olive is significantly greater on glucose and lipid profile than the ingredients by themselves.







Combats Metabolic Syndrome







Pomolive's efficacy in treating metabolic syndrome was verified in a prospective, randomised, double-blind, placebo-controlled study. Pomolive's efficacy was proven in lowering obesity-related parameters and increased muscle mass, as well as controlling serum glucose.

The study was conducted on 60 subjects. Pomolive was administrated on a daily dose of 500 mg (250mg twice daily) for 8 weeks. The most representative results are summarised below.

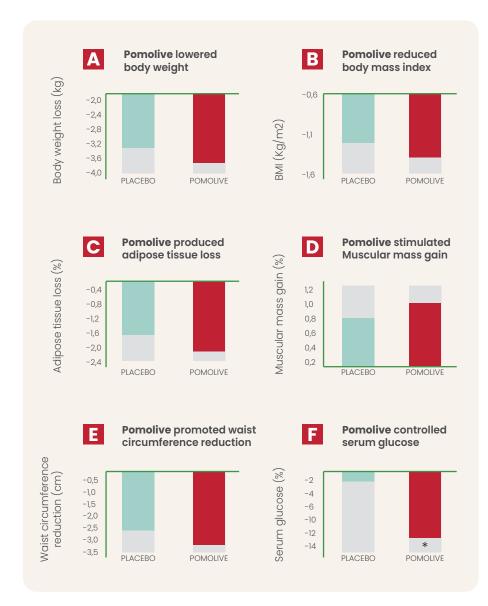




Figure 4. Body weight, Kg (A), Body mass index (BMI), Kg/m2 (B), Adipose tissue,% (C), Muscular mass gain, % (D), Waist circumference, cm (E) and Serum glucose, % (F) in Placebo and POMOLIVE treated subjects after 8 weeks of treatment. *p<0.05 vs Placebo.

References: Alberti KG et al. Circulation, 2009. Alberti KG et al. Lancet, 2005. Arner P et al. Trends in Endocrinology and Metabolism, 2014. Beltrán-Sánchez et al. J Am Coll Cardiol, 2013. Ford ES et al. J Diabetes, 2010. Luna-Luna M et al. Archives of Medical Research, 2015. Mulè et al. World Journal of Cardiology, 2014. Rask-Madsen C et al. Arterioscler Thromb Vasc Biol., 2012.

POMOLIVE By Natac



Studies performed by Natac indicate that Pomolive:

- Decreases adipose tissue and increases muscular mass, therefore could be used in treatment to reduce fat deposits in overweight and obese individuals.
- Reduces waist circumference, an important predictive cardiovascular risk marker.
- Lowers basal glycemia, protecting against insulin resistance.
- Diminishes elevated triglycerides that herald the onset of atherosclerosis.

Technical Information

Specifications

Pomolive is standardised to apple-derived polyphenols and triterpenic compounds from olives.

Galenic form

Pomolive is presented in powder form to formulate food supplements (hard gelatin capsules, softgel capsules, tablets, etc.) Pomolive can also be incorporated into food matrices.

Dosage

500 mg (250mg twice daily).



Natac develops and manufactures sustainably natural ingredients used in food supplements, feed, pet food, as well as in functional foods, and as natural active pharmaceutical ingredients, mainly plant extracts and functional lipids.

Headquartered in Spain, yet internationally present with the opening of new markets globally, while maintaining the strategic location of our manufacturing, R&D and Innovation Unit, and Quality Department that ensures compliance with European most rigorous standards.



















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