

KEEP YOUR METABOLISM BALANCED,
NATURALLY.

 **indena**[®]
INDUSTRIA
DERIVATI
NATURALI

HEALTH - FOOD

BERBEVIS[®]

B E R B E R I N E P H Y T O S O M E [®]


BERBERINE • PHYTOSOME

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WHAT IS BERBEVIS®?

BERBEVIS® is an innovative, food-grade ingredient based on the formulation of berberine from the roots of *Berberis aristata*. It sports a **new custom Phytosome® formulation**, optimizing by 10-fold* the bioabsorption.¹

BERBEVIS® is **scientifically proven to provide positive support across multiple parameters associated with metabolic health** in a plethora of multifactorial disorders – including impaired fasting glucose, borderline hyperlipidemia and PCOS.**

SCIENTIFIC EVIDENCE

BERBEVIS® is supported by a human pharmacokinetics,¹ and three human studies.²⁻⁴

SPECIFICATIONS

BERBEVIS® is standardized to contain: 28-34% of **berberine** by HPLC

RECOMMENDED USE AND DOSE

BERBEVIS® is a light brown powder and may be utilized in a variety of supplement formulations.

Recommended dose: 550 mg once or twice a day

TRADEMARKS

BERBEVIS® is a trademark of Indena S.p.A. and its logo and usage guidelines are available from Indena.

*on molar basis and with observed dose linearity

**PolyCystic Ovary Syndrome

References

¹ Petrangolini G., et al. Evidence-Based Complementary and Alternative Medicine, vol. 2021, Article ID 7563889, 10 pages, 2021.

² Rondanelli, M. et al., Nutrients 13.10 (2021): 3665.

³ Rondanelli, M. et al., European Review for Medical and Pharmacological Sciences 27 (2023): 6718-6727.

⁴ Cesarone, Maria R., et al., Minerva Gastroenterology (2023).

WHAT MAKES BERBEVIS® UNIQUE?

BERBEVIS®, is a **next-generation Phytosome®** with a new custom formulation leveraging onto 3 additional pillars:

- *Berberis aristata* extract is **more soluble** than pure berberine in simulated gastrointestinal fluids;
- using **pea proteins** within the Phytosome® matrix helps **optimize berberine bioabsorption**, as reported in scientific literature;
- using **Indena's grape seed extract** as a powerful, natural antioxidant to **protect the intestinal mucosa** against the known gastrointestinal adverse effects of traditional berberine, thus **optimizing its tolerability** even in long term use.

BERBEVIS® is proven effective in the management of **healthy blood sugar levels**:³

- It noticeably **optimizes the blood sugar profile, positively modulating blood glycaemia** in subjects with impaired fasting glucose (IFG): **-11% after only 30 days** of supplementation;
- It **optimizes insulin resistance** significantly achieving a **remarkable -36% at the end of the study** (based on HOMA index value after 90 days).

In a recent human study,⁴ the beneficial action of **BERBEVIS®** on metabolic health was validated in a borderline hyperlipidemic population to evaluate the **optimization of blood lipid profile**.

Subjects supplemented with **BERBEVIS®** and following a healthy diet and lifestyle showed a **statistically significant, positive modulation** of lipid parameters, including **total cholesterol, triglycerides and HDL**, while maintaining a healthy body composition.

And what's more is that **BERBEVIS® did that with a single, convenient 550 mg supplementation once a day for 3 months**.

Since **PCOS is an endocrine-metabolic disorder**, Indena decided to test **BERBEVIS®** that emerged as a **winning multi-target approach to PCOS thanks to an effective modulation over blood sugar levels and support to hormonal balance**.²

Furthermore, **BERBEVIS®**:

- has a **positive effect on body composition**, inducing the redistribution of adipose tissue;
- is helpful against **acne**, typical symptom of PCOS, both reducing discomforts and thus improving quality of life.



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