

KEEP YOUR METABOLISM BALANCED,
NATURALLY.

 **indena**[®]
INDUSTRIA
DERIVATI
NATURALI

HEALTH - FOOD

BERBEVIS[®]

BERBERINE PHYTOSOME[®]


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® might promote a healthy metabolism positively modulating blood sugar levels in a plethora of multifactorial disorders – including type II diabetes and PCOS.**

SCIENTIFIC EVIDENCE

BERBEVIS® is supported by a human pharmacokinetics,¹ and two human studies.^{2,3}

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: 2x 550 mg/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 manuscript in preparation

² Rondanelli M. *et al.*, Archives of Gynecology and Obstetrics (2020) 301:53-60

³ manuscript in preparation

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.

Since PCOS is an endocrine-metabolic disorder very similar to metabolic syndrome, they share an altered sugar profile: that's why **Indena decided to test BERBEVIS® in the management of healthy blood sugar levels, to greatly support metabolic wellbeing.**

- It **optimizes insulin resistance significantly**, after as few as 30 days of treatment, achieving a remarkable -49% at the end of the study (based on HOMA index value);
- It noticeably **optimizes the blood sugar profile positively modulating blood glucose and insulin**;
- according to the study's multiple endpoints,³ **BERBEVIS® emerged as the winning multi-target approach to PCOS** thanks to an effective modulation over blood sugar levels.

Furthermore, **BERBEVIS®**:

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