

ENOT *prost*®

FOR MALE WELLNESS

Let prostate problems
fly away... with the
right ingredient



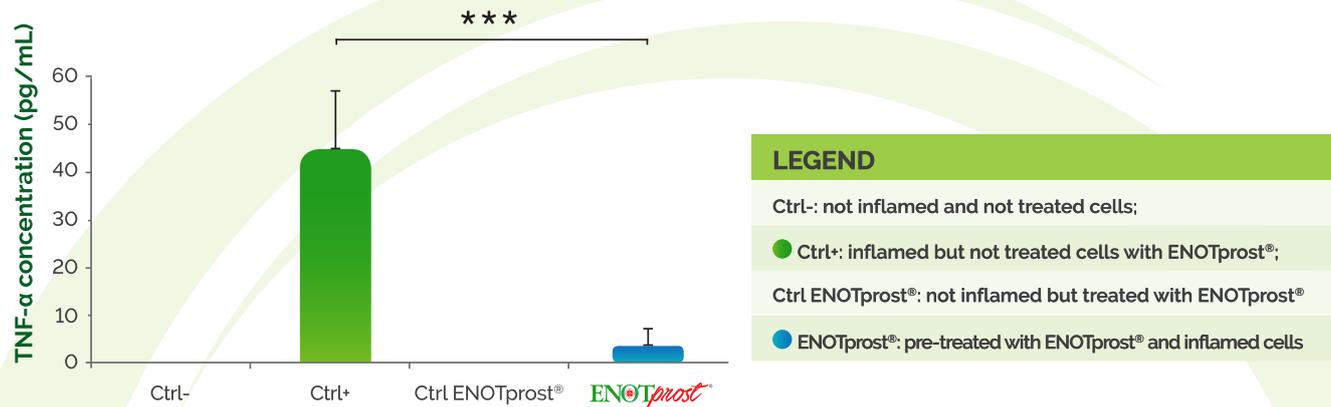
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IN VITRO STUDY

ENOTprost® has proven strong antioxidant and anti-inflammatory activities

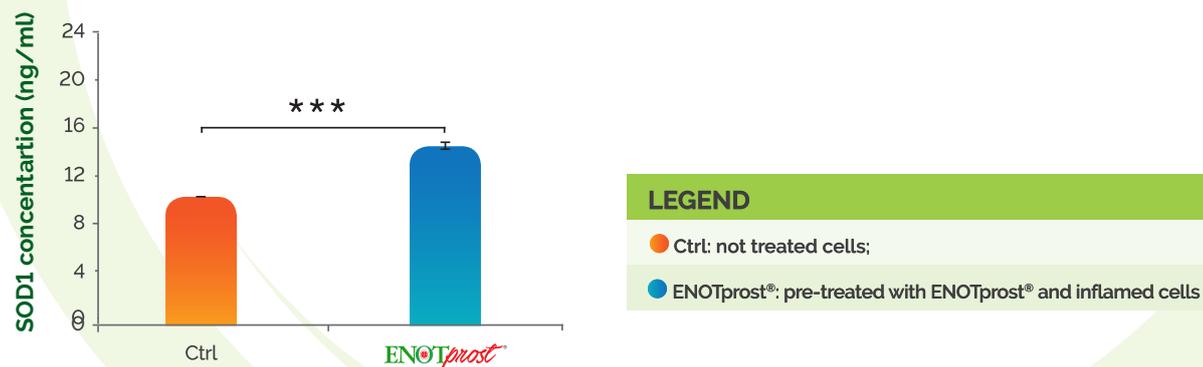
ENOTprost® HAS STRONG ANTI-INFLAMMATORY ACTIVITY

In vitro tests demonstrated that pre-treatment of prostatic cells with ENOTprost® followed by LPS-induced inflammation, strongly reduces TNF- α production. TNF- α is one of the most important pro-inflammatory cytokines (Insolia et al., 2020).



ENOTprost® ENHANCES CELLULAR ANTIOXIDANT DEFENSE

In vitro test demonstrated that treatment of prostatic cells with ENOTprost® enhances cellular antioxidant defenses by increasing the level of SOD1. This enzyme is one of the most important endogenous antioxidant defense mechanisms (Insolia et al., 2020).

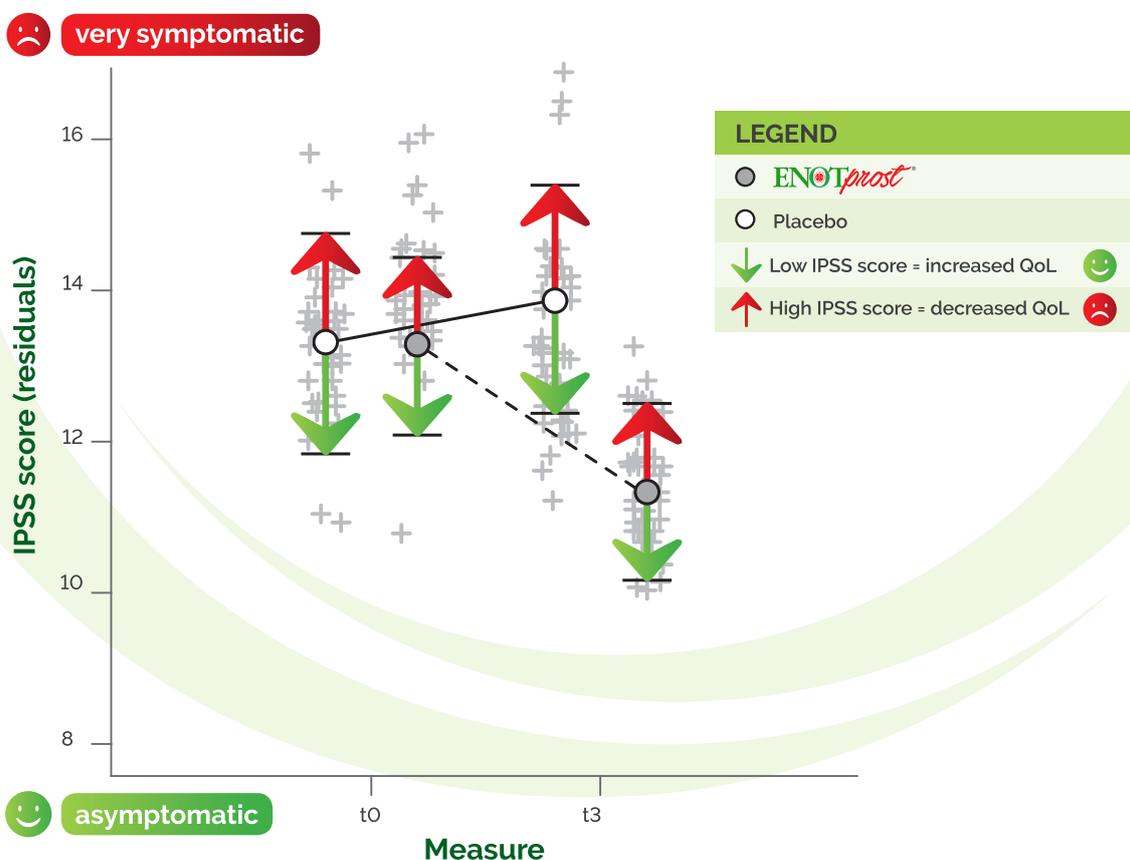


CLINICAL TRIAL

A monocentric, randomized, double-blind, placebo-controlled clinical trial was conducted on 128 Italian volunteers with BPH to demonstrate the effects of ENOTprost®.

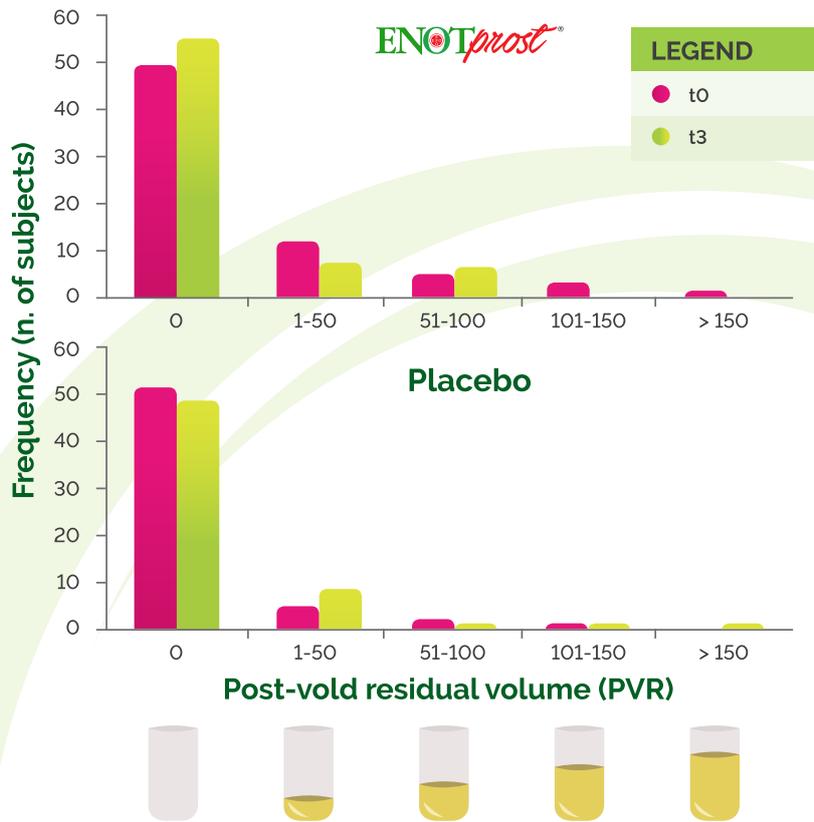


The International Prostate Specific Score (IPSS) is a validated questionnaire to assess BPH symptoms in men with urinary complaints. The score can range from 0 to 35, indicating asymptomatic to very symptomatic subjects. The results are represented by arrows to indicate generally the QoL (Quality of Life) of participants.



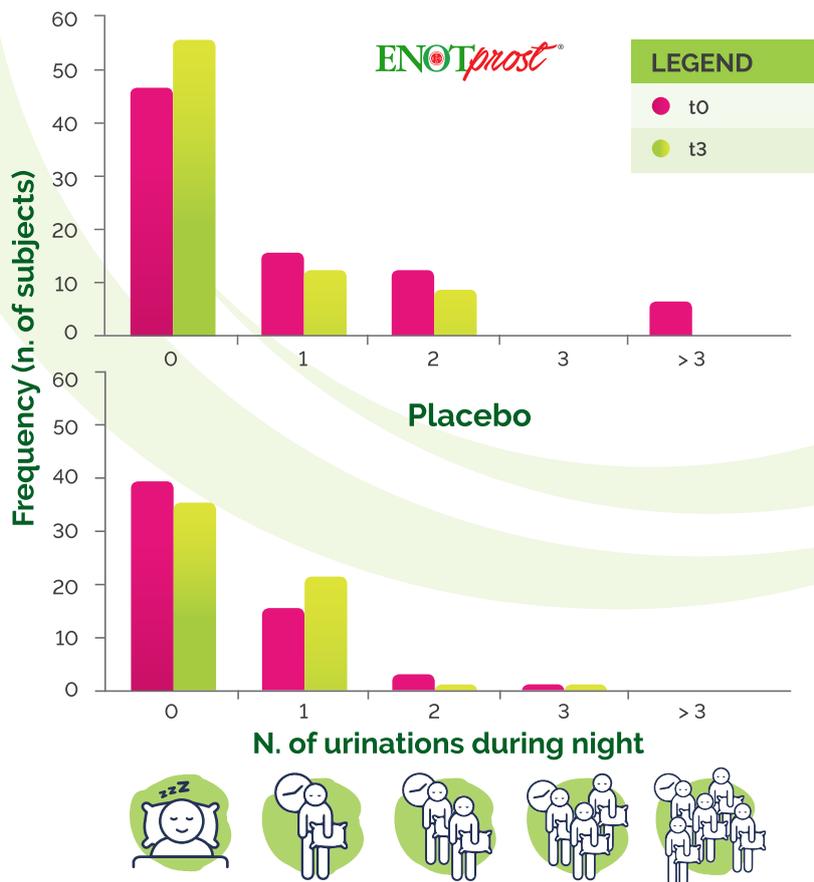
IPSS score significantly decreased by nearly 2 points between t0 and t3 in the ENOTprost® treated group and slightly increased (0.6 points) in the placebo group, showing an improvement in the quality of life of the subjects treated with the ENOTprost® and highlighting the protective effect of this supplementation.

Subjects with BPH may have difficulties in bladder emptying. The narrowing of the urethra may cause acute/chronic urinary retention, which is the most important complication associated with BPH. The bladder post-void residual volume (PVR) was monitored by prostate ultrasound to assess the efficiency of bladder emptying.



In the ENOTprost® group the number of subjects with a low residual urine volume in the bladder significantly increased, while there was a decreasing in the number of subjects with residual urine volume higher than 100 ml.

Nocturia (the need to urinate two or more times per night) is a serious problem with a high impact on the quality of sleep, leading to sleep disorders, decreased quality of life and depression.



In the ENOTprost® group, the frequency of subjects without urination overnight increased by 21,7%, whereas it decreased by 10,2% in the placebo group. Moreover, the number of subjects urinating three or more times per night was completely wiped out in the treated group but remained unchanged in the placebo group.



ESTRATTI PIANTE OFFICINALI

Our Quality Your Safety

VISIT OUR WEBSITE
www.eposrl.com



THREE MAIN REASONS TO CHOOSE EPO EXTRACTS:

QUALITY

- Manufacturing process entirely made in Italy
- Full traceability from the field to the final packaging
- Production chain checked at every step
- Accurate quantification of bioactive compounds by sophisticated analytical methods
- Compliance with EU legislation on Food and Food Supplements

SAFETY

- Botanical species certified by DNA barcoding analysis
- No harmful solvent used in the manufacturing process

EFFICACY

- Pre-clinical and clinical studies proving its prostate-specific activity



ENOT[®]prost technical datasheet is available at www.eposrl.com

REFERENCES:

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2. Esposito C, Santarcangelo C, Masselli R, Buonomo G, Nicotra G, Insolia V, D'Avino M, Caruso G, Buonomo AR, Sacchi R, Sommella E, Campiglia P, Tenore GC, Daglia M. *Epilobium angustifolium* L. extract with high content in oenothien B on benign prostatic hyperplasia: A monocentric, randomized, double-blind, placebo-controlled clinical trial. *Biomedicine & Pharmacotherapy*, 138 (2021) 111414.
3. Insolia V, Nicotra G, Vicentini SF, Bruno B, Marano MG, Dacrema M, Santarcangelo C, Daglia M. Attività antinfiammatoria di un estratto commerciale di *Epilobium angustifolium* L. (ENOTprost[®]). *Pharmanutrition and Functional Foods 2020* (anno V, n.4) p56; X Congresso Nazionale SINut.