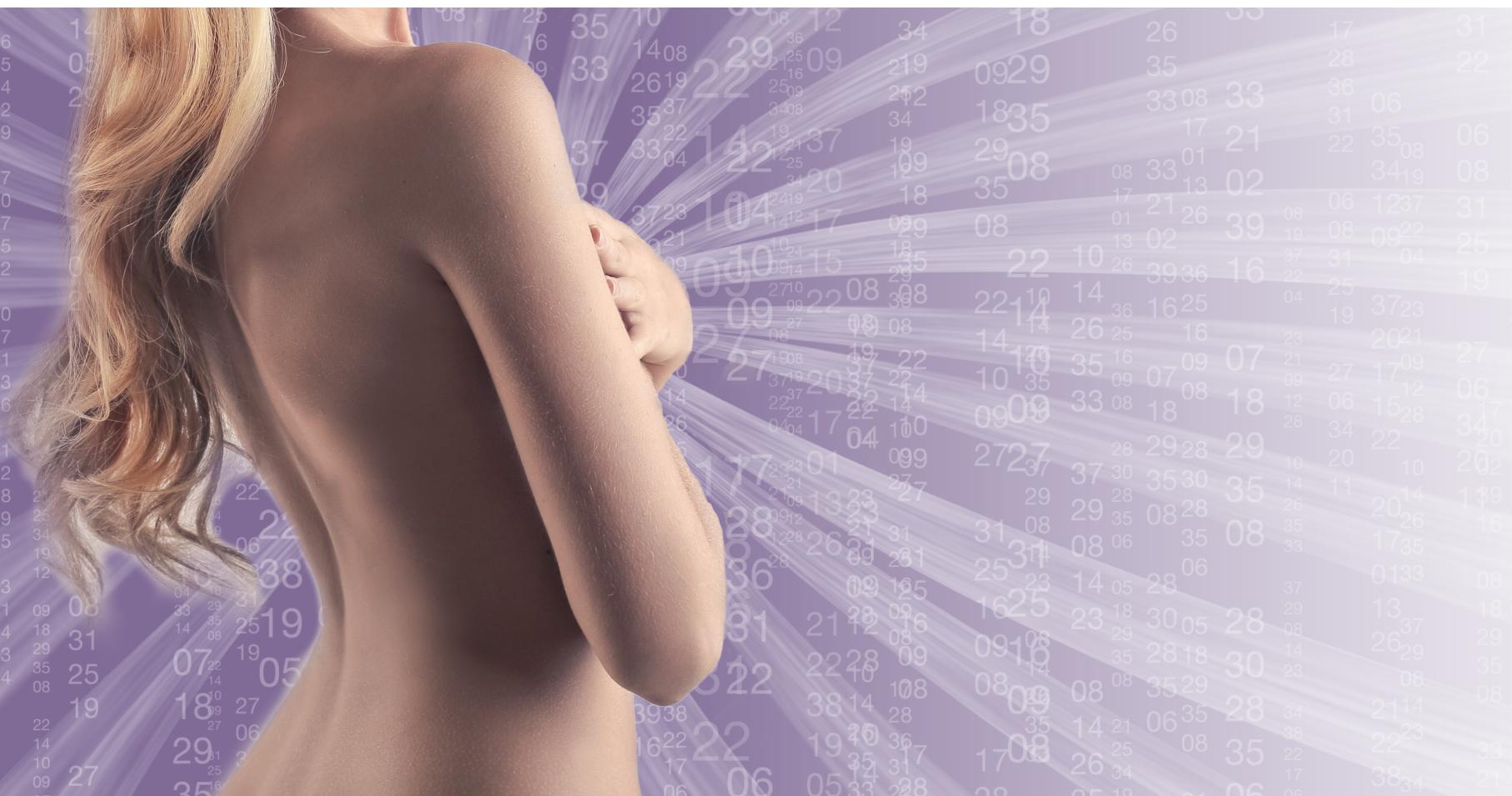


# INNOVATION IN GYNECOLOGY



**ENDOMETRIOSIS:  
A SCIENTIFICALLY  
PROVEN ADVANCE**

**Nutrilab**  
GYNECOLOGY

# ENDOMETRIOSIS

## Key figures

- **1 to 2 out of 10 women** of childbearing age
- **17 million** proven women in Europe  
**180 million** worldwide
- **40%** of women with endometriosis have difficulty conceiving
- The mean recurrence rate after surgery is about **20% after 5 years**
- 1 very long diagnostic time: **7 to 12 years**

**Impaired quality of life**

# ENDOMETRIOSIS

## Precursory signs

Pelvic  
pain



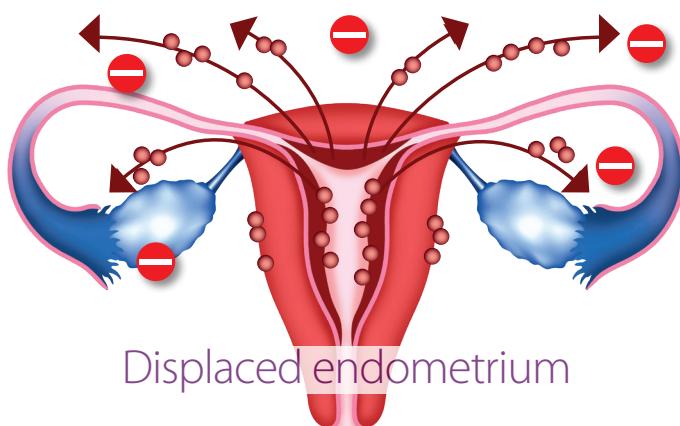
Risk of  
endometriosis

## Risk factors

- ⇒ Age (between 25 and 40 years old)
- ⇒ Family history
- ⇒ Nulligests (women who have never been pregnant)
- ⇒ Genital anomalies (stenosis and septate vagina, etc.)

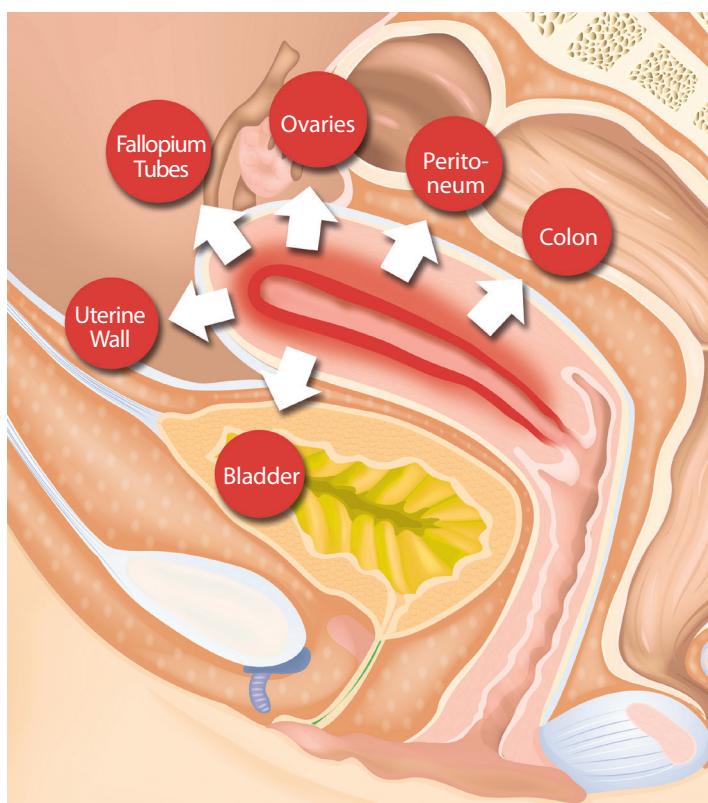
# ENDOMETRIOSIS

## Change in normal physiological function



- Embryo cells unable to implant
- Displacement of endometrium (ectopic endometrium)
- Irregular cycle
- Loss of endometrial cell membrane equilibrium
- Increased angiogenesis (VEGF)
- Other environmental epigenetic factors (DNMT3L enzyme)

## Depth and location

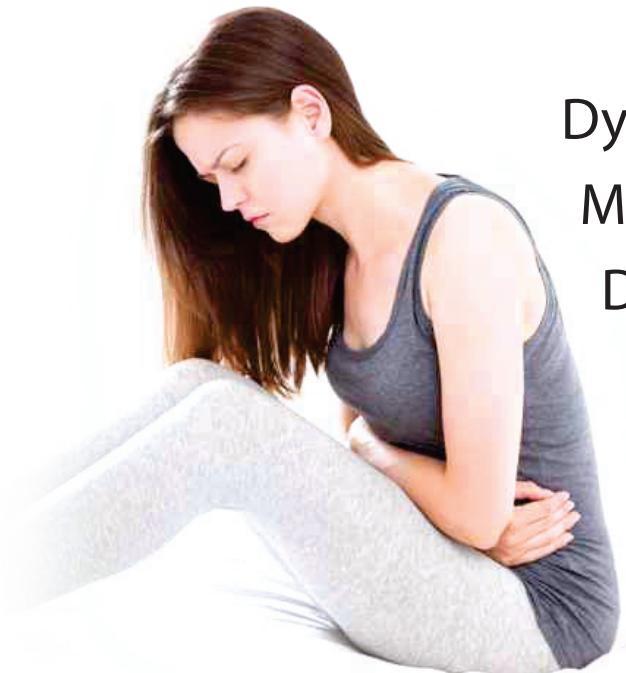


**Peritoneum  
Ovaries  
Fallopian tubes  
Uterine wall  
Bladder  
Rectum  
Colon**

More rarely:  
Small bowel, vulva, vagina  
and sometimes even the lungs

# ENDOMETRIOSIS

Painful and disabling symptoms



Dysmenorrhoea  
Metrorrhagia  
Dyspareunia  
Hematuria  
Rectorragia

Complications

- Cysts
- Infertility
- Sterility
- Elevated activin

# ENDOMETRIOSIS

## The 4 stages of endometriosis

According to the revised American Fertility Society (rAFS) classification, there are 4 stages of endometriosis:

- T1** Stade 1 or **minimal**, scores **1 to 5**
- T2** Stade 2 or **mild**, scores **6 to 15**
- T3** Stade 3 or **moderate**, scores **16 to 42**
- T4** Stade 4 or **severe**, for scores **over 42**

## Limited treatments

SOLUTIONS	EFFECTS	SIDE EFFECTS	FERTILITY INFERTILITY
Hormones	No Evolution	Hormonal disorders at term	Controlled Infertility
Surgery	Positive effect Ablation	Physical and psychological problems	Total Infertility
Nutri Endo	Endometriosis reduction	None	Fertility

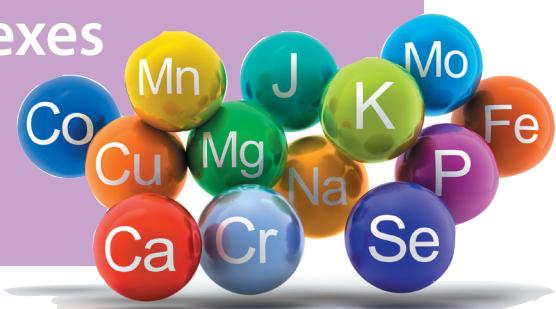
# INNOVATION

## A strategic response to endometrial cell insertion dysfunction

**22 years of research on endometriosis**

### Mechanism of action

- **Microdosed oligo-metal complexes act on cell membranes to restore lost homeostasis**



- This allows the body to recover its self-regulatory capacity
- The body functions optimally again

- This patented protocol allows an excellent bioavailability and biocompatibility

# CLINICAL STUDY

Significant reduction  
in pain by **66.1%**  
in **91.3% of women**

Proven results

Quick reduction  
in pain

Effective results in  
**91,3% of cases**

Scientifically validated results  
for 43 patients, over a period of 4 months

## ● STUDY PARTICIPANTS

GYNECOLOGISTS

**12 CENTERS** (France and Belgium)

PATIENTS

**94 >43**

AVERAGE AGE

**33 YEARS OLD**

AVERAGE DURATION

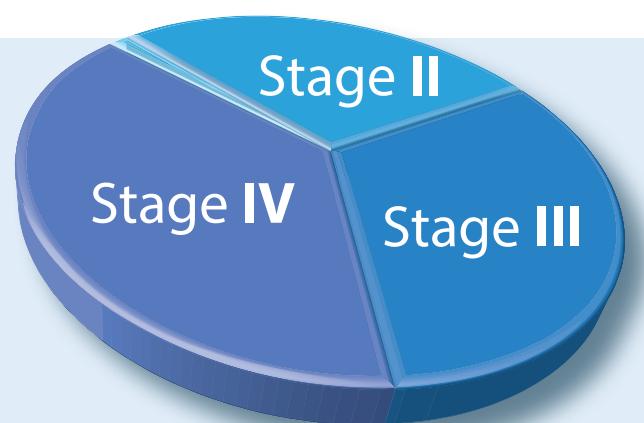
**3 YEARS**

OF PAIN

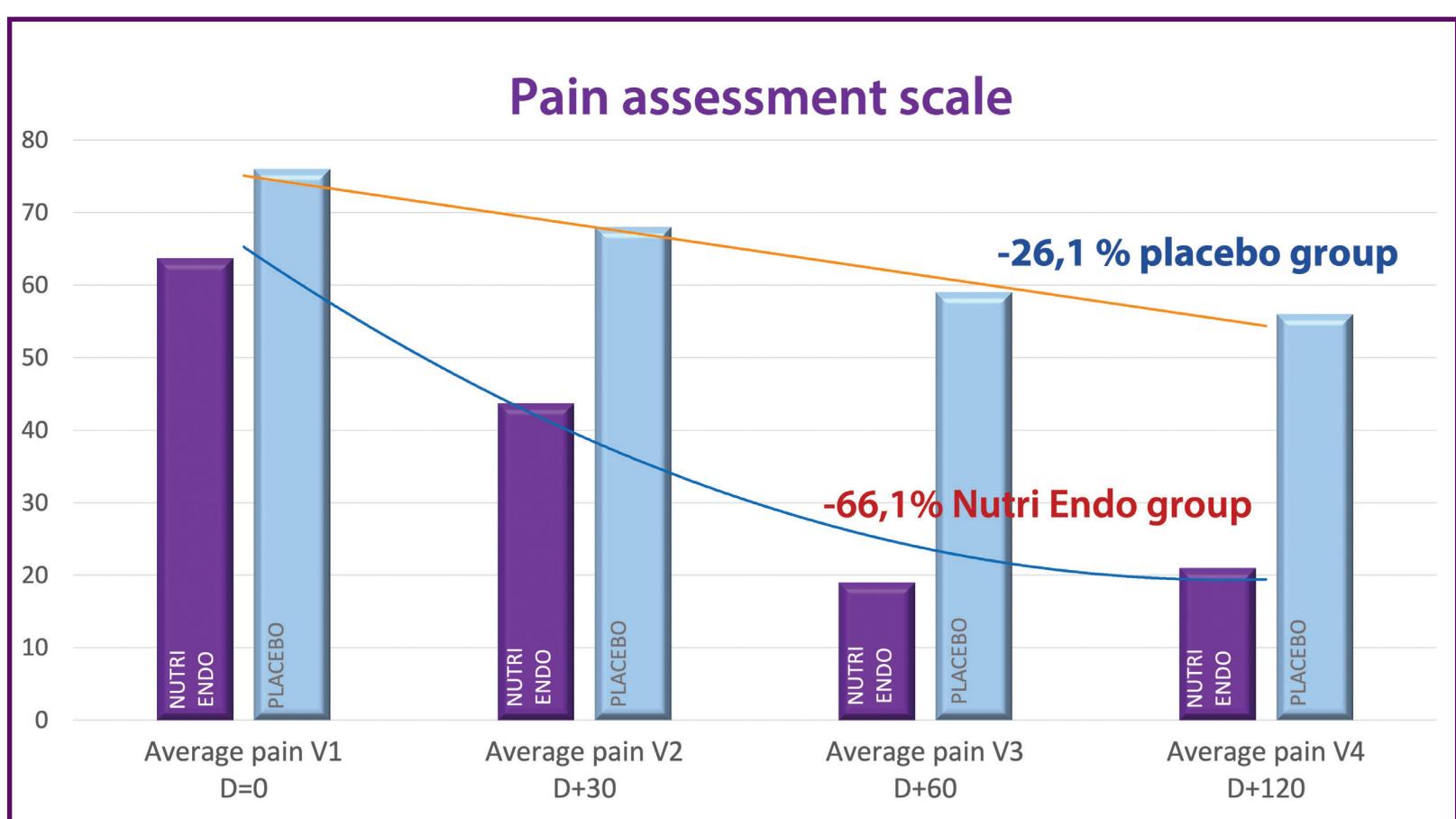
# CLINICAL STUDY

## ● ENDOMETRIOSIS STAGE ACCORDING TO AFSR SCORE

Not evaluated	1,2 %
STAGE I (minimal score 1-5)	0 %
STAGE II (slight score 6-15)	29,4 %
STAGE III (moderate score 16-42)	32,9 %
STAGE IV (severe score >42)	36,5 %



## ENDOMETRIOSIS STUDY Nutri Endo vs Placebo

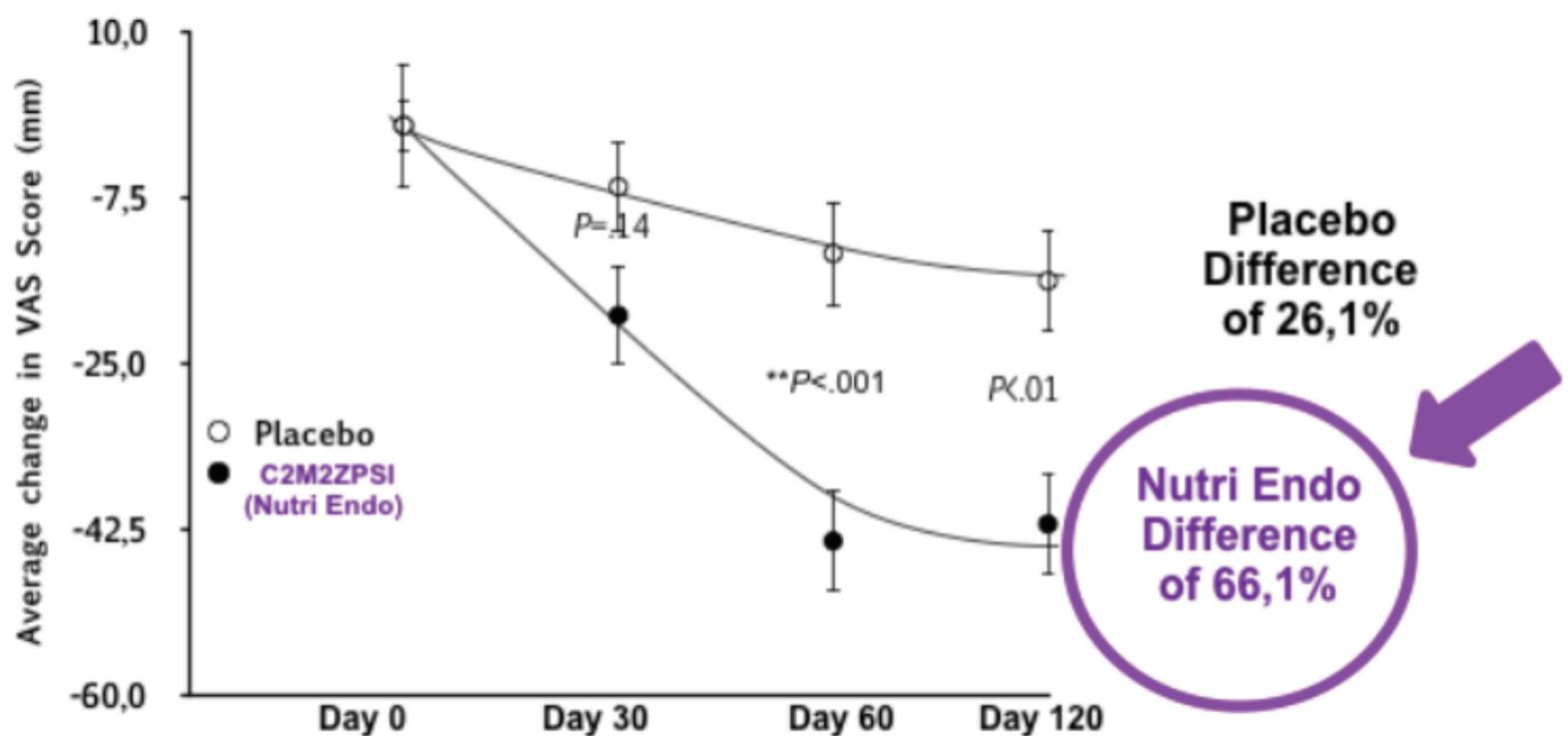


# RESULTS OF THE STUDY

The reduction of pain is  
considered "significant"  
from 33%

(Mark P. Jensen ANS al. American Society - 2003)

Average change in VAS Score\*  
between day 0 and day 120

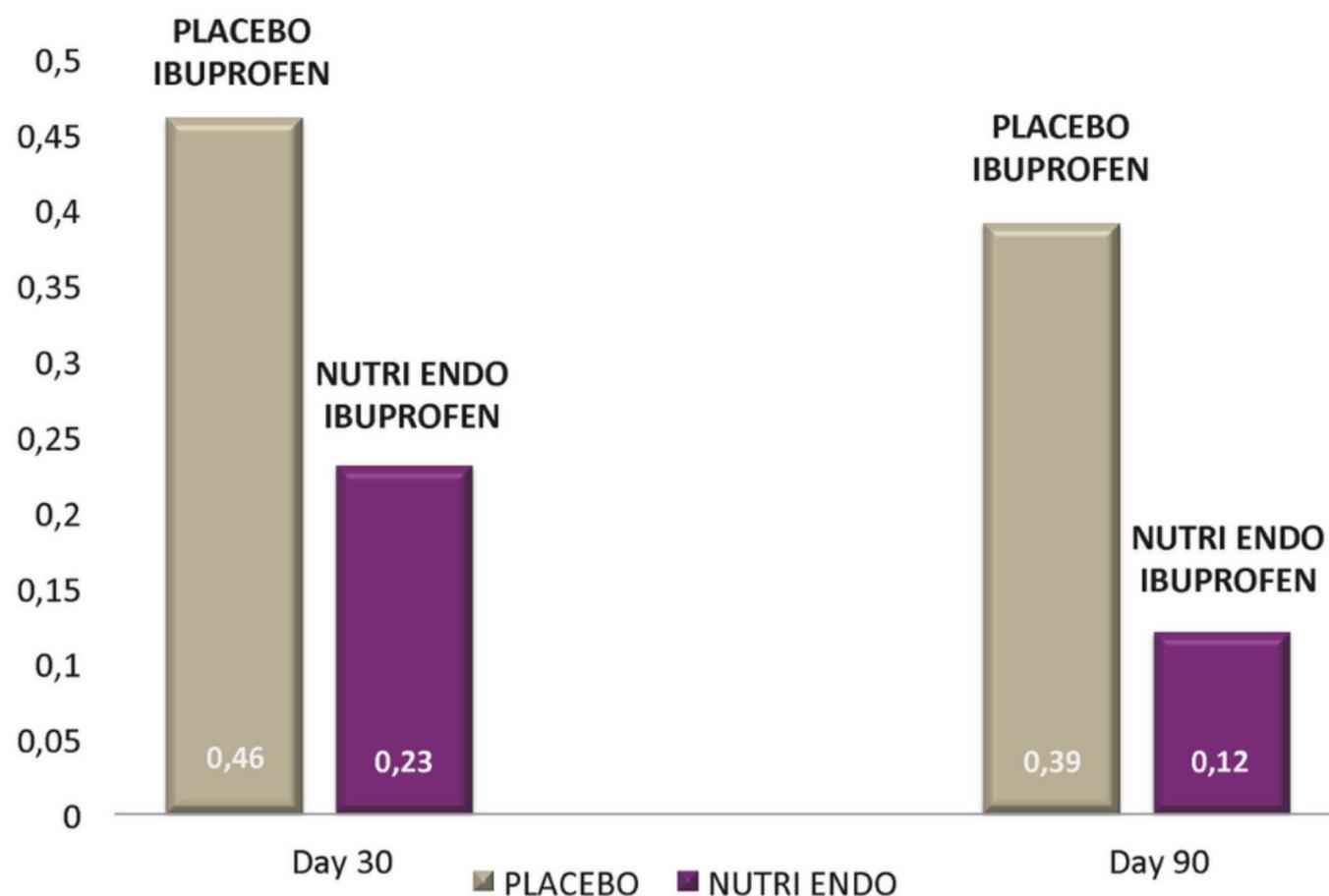


\* Publications clinical trials Minerva Ginecologica octobre 2020 and Genesis june/july 2020

# RESULTS OF THE STUDY

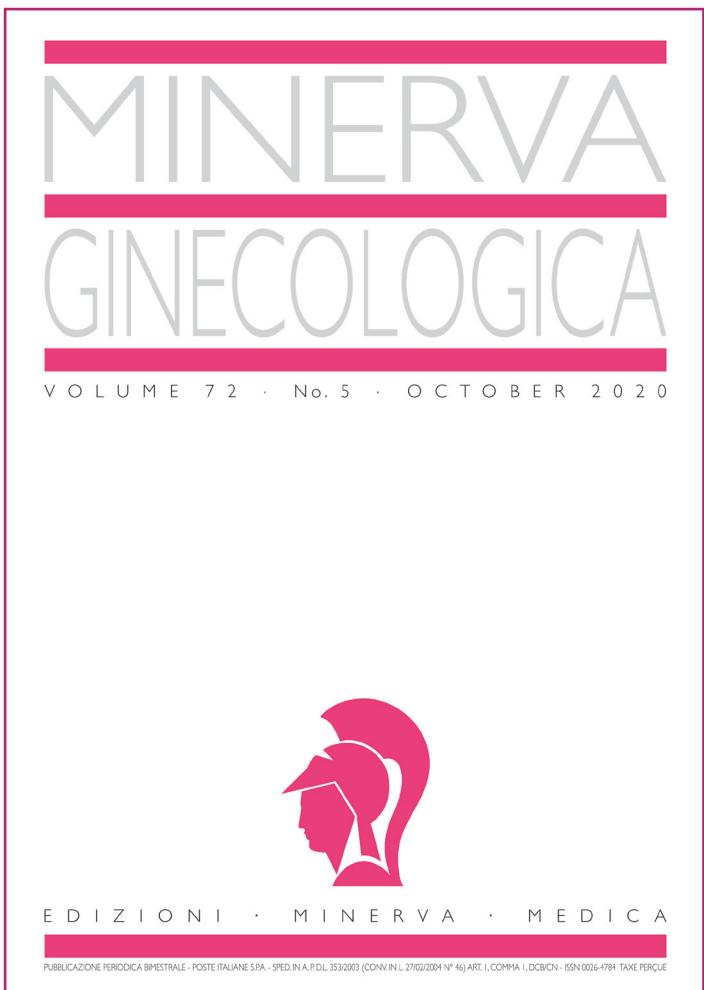
Significant reduction in pain

A 2,5 fold decrease in the use of painkillers



# PUBLICATIONS OF THE RESULTS

Scientific journal  
MINERVA GINECOLOGICA  
October 2020



Scientific journal  
GENESIS  
June/July 2020

## Targeted results



- *Clinically proven results*
  - ➔ Pain
  - ➔ Symptoms
- *No side effects*
- *PMA compatible tolerance*
- *Compliance and safety*

## An effective and natural solution

### Suggested use

- Prevent endometriosis
- Reduce symptoms

#### FIRST 2 MONTHS

##### BLISTER 1

One sequence in the morning

##### BLISTER 2

One sequence in the evening

- Consolidate the effects
- Prevent recurrence

#### FOLLOWING 2 MONTHS\*

##### BLISTER 1

One sequence in the morning

##### BLISTER 2

One sequence in the evening



#### One 10 tablet sequence

To be chewed and then swallowed one tablet at a time, once a day and in the given order, tablets 1 to 10 in the series.

Take the tablets in order, starting with No. 1, then o. 2, 3 etc. up to No. 10.

You have taken a full dose when you have chewed and swallowed tablet No.10.

Informations on the back of the blister strip.

\*The duration depends on the stage of the endometriosis

## An awaited prescription



### In practice

- ➔ 1 sequence of 10 chewable tablets in the morning
- ➔ 1 sequence of 10 chewable tablets in the evening

Without side effects - Compatible with all treatments

**BLISTER 1 Composition:** Calcium 21.9 mg - 2.7 %\*, Magnesium 4.37 mg - 1.2 %\*, Zinc 0.8 mg - 8.0 %\*, Manganese 0.11 mg - 5.5 %\*, Potassium 0.07 mg - < 0.1 %\*, Sodium 0.02 mg, Copper 53 mcg - 5.3 %\*, Iron 0.26 mcg - < 0.1 %.

**Other ingredients:** Lactose (excipient), sorbitol (sweetener), magnesium stearate (anti bulking agent). With sweetener.

**Trace elements:** Zinc acetate, calcium carbonate, magnesium carbonate, manganese carbonate, sodium carbonate, calcium chloride, magnesium chloride, copper gluconate, iron gluconate, manganese gluconate, potassium gluconate, zinc gluconate, sodium iodide, trimagnesium phosphate, zinc sulphate.

**BLISTER 2 Composition:** Calcium 22.94 mg - 2.8 %\*, Magnesium 5.5 mg - 1.5 %\*, Zinc 0.54 mg - 5.4 %\*, Manganese 0.18 mg - 9 %\*, Potassium 0.12 mg - < 0.1 %\*, Copper 52 mcg - 5.2 %\*, Iron 4.8 mcg - < 0.1 %\*, Sodium 0.08 mg.

**Other ingredients:** Lactose (excipient), sorbitol (sweetener), magnesium stearate (anti bulking agent). With sweetener.

**Trace elements:** calcium carbonate, copper carbonate, magnesium carbonate, manganese carbonate, copper gluconate, manganese gluconate, potassium gluconate, zinc gluconate, sodium iodide, tricalcium phosphate, trimagnesium phosphate, copper sulphate, magnesium sulphate, zinc sulphate, ferrous sulphate.

\*DV: Daily Value

**Nutrilab**  
GYNECOLOGY

## Notes



# INNOVATION IN GYNECOLOGY

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