

Endellia

PATENTED BOTANICAL EXTRACT

ENDOMETRIOSIS, A HIDDEN GYNAECOLOGICAL CONDITION

- Endometriosis is defined as the presence of endometrial tissues outside the uterus, which induces a **chronic inflammatory reaction** due to an excessive endometrial angiogenesis.
- Endometriosis occurs in **6 to 10% of the general female population**. However, **this figure is considered to be underestimated** as women are often managing the pain associated with this condition without seeking for further medical advices.



PAIN, THE VISIBLE SIDE OF A PROGRESSIVE DISEASE

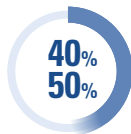
- Endometriosis is a **progressive disease likely to worsen over time**.
- **Most of current therapeutic approaches only focus on managing the clinical symptoms** by combining medical treatments (pain killers, hormones) to surgery.



Women suffering from **infertility**



Women suffering from **dysmenorrhea**

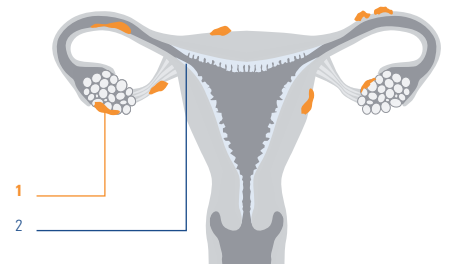


Women suffering from **chronic pelvic pain**



Women suffering from **dyspareunia**

Female genital tract affected by endometriosis



1. Endometrial ectopic cells (endometriosis)

2. Endometrium

WOMEN'S EXPECTATIONS

Women need a solution to help them relieve the endometriosis-related pain but most importantly which contributes to **slow-down the evolution of the disease** by acting on its etiology.

ENDELLIA, THE NATURAL SOLUTION FOR ENDOMETRIOSIS MANAGEMENT

PATENTED HIGH-QUALITY BOTANICAL EXTRACT

A patented manufacturing process has been developed to guarantee the presence in **Endellia** of a standardized level of specific phytochemical compounds.

CLINICALLY PROVEN SOLUTION

Endellia's specific extract is **clinically proven to slow-down the evolution of endometriosis** by reducing the angiogenesis responsible for the endometrial lesions and **gradually limits the dysmenorrhea & pelvic pain** associated with this condition.

NATURAL & SAFE

Endellia has no side effects and was proven not to interfere with female sexual hormone levels.

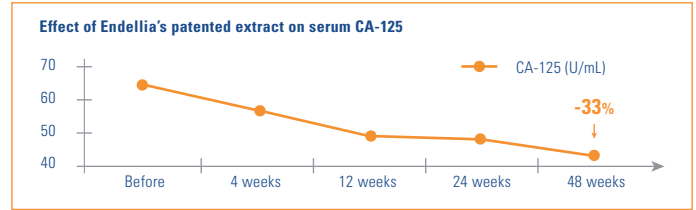
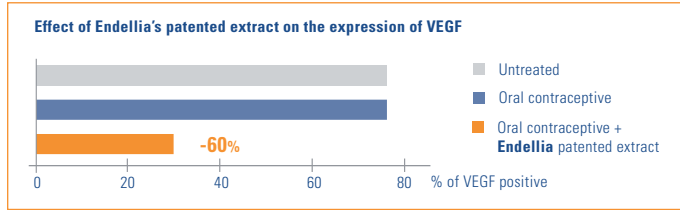
Mode of action | See next page
Clinical studies | See next page



ENDELLIA, A COMPLETE MODE OF ACTION

Endellia exerts its beneficial properties on endometriosis etiology by **acting at 4 levels**:

- **Anti-inflammatory** by inhibiting inflammation mediators (COX-1 & 2, NF-KB) and CA-125 (a protein produced by endometrial cells).
- **Anti-angiogenic** by inhibiting the Vascular Endothelial Growth Factor (VEGF) which leads to fewer blood vessels formed around the ectopic cells.
- **Anti-estrogenic** by regulating the aromatase, an enzyme involved in estrogen biosynthesis.
- **Antioxidant** by scavenging free radicals.



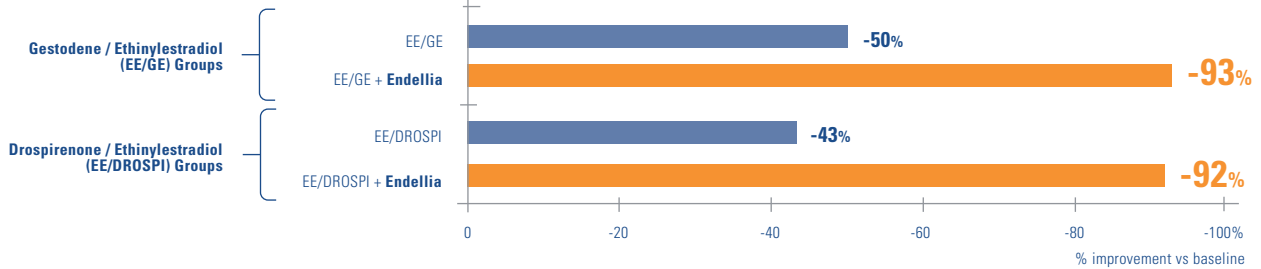
➤ Endellia's patented extract is clinically proven to reduce VEGF & CA-125, two markers particularly elevated in women suffering from endometriosis.

ENDELLIA, THE CLINICALLY PROVEN SOLUTION

ENDELLIA'S PATENTED EXTRACT COMBINED WITH ORAL CONTRACEPTIVE

Efficacy on pain using the Visual Analogue Scale (VAS) in patients with endometriosis.

N=45 women with endometriosis
Duration: 12 weeks

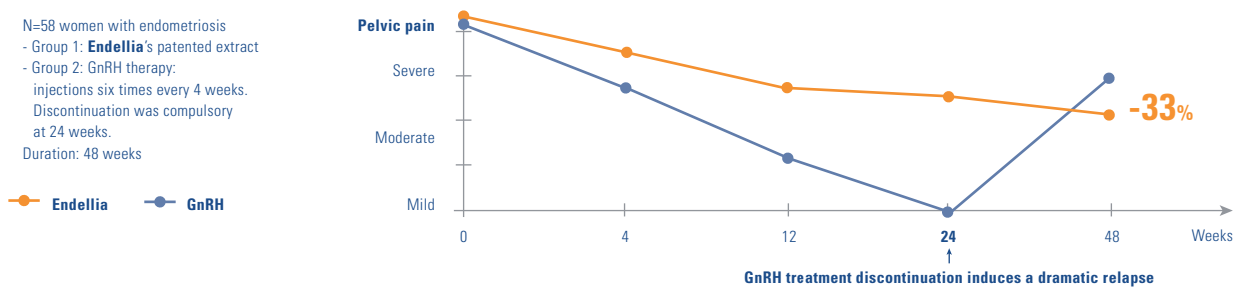


➤ THE COMBINATION OF ENDELLIA'S PATENTED EXTRACT AND ORAL CONTRACEPTIVES (OC) PROVIDES BETTER RESULTS IN ENDOMETRIOSIS-RELATED PAIN VS OC ALONE.

ENDELLIA'S PATENTED EXTRACT COMPARED TO GnRH THERAPY

GnRH is the first line treatment for severe dysmenorrhea complicated by endometriosis.

N=58 women with endometriosis
- Group 1: Endellia's patented extract
- Group 2: GnRH therapy: injections six times every 4 weeks. Discontinuation was compulsory at 24 weeks.
Duration: 48 weeks



➤ CONTINUOUS GnRH INTAKE IS OFTEN ASSOCIATED WITH STRONG SIDE EFFECTS AND RELAPSES.

➤ ENDELLIA'S PATENTED EXTRACT IS CLINICALLY PROVEN TO STEADILY DECREASE ENDOMETRIOSIS-RELATED PAIN AND CAN BE CONSIDERED AS A SAFE ALTERNATIVE TO TRADITIONAL THERAPIES.

**PROVEN EFFICACY ON ENDOMETRIOSIS ETIOLOGY
RELIEF OF DYSMENORRHEA & PELVIC PAIN
PATENTED BOTANICAL EXTRACT**



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