

Leaf
OF Life

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THE IMPORTANCE OF ENDOCANNABINOIDS IN MANAGING PAIN ASSOCIATED WITH ENDOMETRIOSIS/PCOS

Are you a patient of endometriosis? While writhing in excruciating pain, have you ever wondered if the pain could be alleviated using endocannabinoids?

Let us dig right into the endeavor of finding out the science behind using endocannabinoids for endometriosis.



What is endometriosis?

As we all know, the uterus is lined by three tissues namely the endometrium, myometrium, and perimetrium.

So when the tissues of the endometrium that usually line the uterus start growing in areas other than the uterus it is termed endometriosis.

It can grow in the Fallopian tubes or even the ovaries, or anywhere in the pelvic region. Seldom do they grow outside the pelvic region.

What can trigger this unusual event?

- Genetic factors
- Retrograde menstruation - wherein the menstrual flow moves upwards and then tissue remnants of endometrium in the blood stick to the pelvic wall and proliferate in that area.
- Disorder of the immune system

What are the possible symptoms?

- Excruciating pain before and during menstruation, that we medically term dysmenorrhea
- Bleeding in an excessive amount
- Pain while copulation
- Diarrhea or constipation



How can pain in endometriosis be treated pharmacologically?

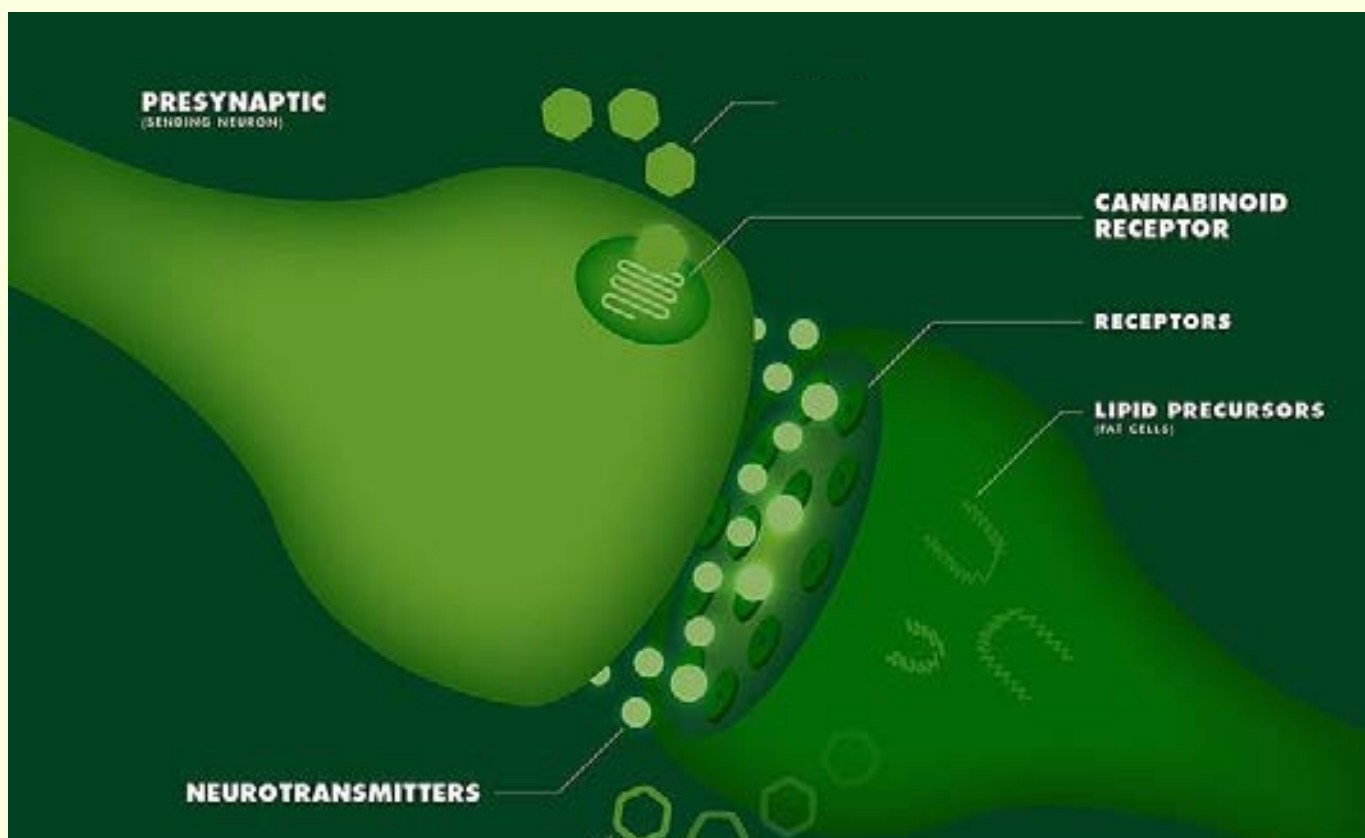
ECS stands for the Endocannabinoid system. The endocannabinoids comprise the receptors of the endogenous cannabinoid system, ligands, and enzymes essential for the synthesis and demolition of ligands.

The two cannabinoid receptors are CB1 and CB2. According to reliable studies, it has been proven that CB1 and CB2 receptors are present in the uterus and other essential areas.

On examining females with endometriosis, their levels of the above-mentioned CB1 receptors in the endometrial tissue were found to be less than in females without endometriosis.

The endocannabinoids interfere with the mechanism of the proliferation of cells and their survival along with inflammation of the cells. Therefore, it has been proven that decreased level of endocannabinoids is directly proportional to the aggravation of symptoms like pain in females with endometriosis. Also, endocannabinoids deficiency has been proven to enhance the proliferation of endometriosis.

As a result of this, needless to say, we can undoubtedly use this science to treat the excruciating pain of endometriosis using pharmacological methods like the administration of endocannabinoids.



Hemp To The Rescue

Cannabis sativa or hemp as we commonly call it produces exudate rich in chemicals. Among a plethora of chemicals, cannabidiol (CBD) and tetrahydrocannabinol (THC) are the most usually found chemicals.

Now that we know endocannabinoids can be used for the cessation of pain due to endometriosis, hemp can be very useful in this situation.

CBD and THC present in cannabis can alleviate endometriosis pain by ligating with the CBI receptors present in the uterus and also by their anti-inflammatory actions, reducing cell survival and cell proliferation.

Therefore, hemp which generally reduces pain by acting on the CNS can now also be used to treat the intolerable writhing pain of endometriosis as it can have remarkable effects on it.

Ananta Hemp Works at Your Service

Ananta hemp works is a nascent venture that has bloomed to improve the quality of life for each one of us and build healthy bodies with an even healthier mind. Ananta only strives on inculcating the numerous benefits of hemp into a multitude of formulations to achieve its goal.

Now that we know the essence of hemp for endometriosis, Ananta provides you with the best formulations that have been thoroughly tested and proven to have exemplary results.



CannaEase Cramp Reliever Roll-On Stick

Cramp reliever is designed to help relieve all pains during your menstrual cycles. Its anti-inflammatory action also helps to reduce internal spasms, a key feature of PCOS. Most often the episodes of Amenorrhea can be very painful, which can be tackled with our pain reliever.

Ingredients

Vijaya leaf extract, Hemp seed oil
Rasna, Kupilu, Ajwain, Wintergreen Oil
Sesame oil

Case Study

Trailokya Vijaya Vati - Cannabinoids act as muscles relaxant and help with menstrual pain, PCOD

Patient Description

A 36-year-old woman was approached for the treatment of dysmenorrhea, menorrhagia, PCOD

Treatment plan

The patient was given Trailokya Vijaya Vati, the medicine indicated for quick pain management. The medicine is commonly given for chronic joint and muscle pain, lower abdominal and renal colic, poor appetite, and general gut health. Vijaya (Cannabis sativa) and bamboo (Bambusa arundinaceae) are the key ingredients in this formulation.

Outcome

The patient, after the administration of Trailokya Vijaya Vati for one month, showed a significant reduction in pain on the follow-up. The bleeding was reduced, and the duration was reduced to up to 5 days a month. The patient became able to do her work without periods getting in her way. Substantial improvement in appetite and sleep cycle was also noticed. The patient was fully satisfied with Trailokya Vijaya vati.



Trailokya Vijaya Vati(DS)

Trailokya Vijaya Vati is a classical formulation that effectively manages pain, insomnia, stress and anxiety. It works well for sciatica pain and menstrual cramps as well.

Benefits

- Assists in chronic pain
- Menstrual cramps
- Anxiety
- Insomnia
- Increases appetite

Ingredients

Vijaya Dried Leaves 50%
Vansh Lochan 50%
Excipients Q.S.



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