

Positive Promise of CBD on Health, Aging, Brain Functions

By John-David Belfontaine

What is CBD?

Cannabidiol (CBD) is a chemical compound which is one of at least 113 active cannabinoids found in medicinal hemp. Cannabidiol is said to have wide range of medical and therapeutic advantages despite the fact for its popularity on the psychoactivity. It is mainly used for the sedation effect of CBD.

Medicinal hemp has been used to treat disease since ancient times. CBD is the major non-psychoactive ingredient in medicinal hemp (along with Cannabichromene [CBC], Cannabigerol, [CBG] and has been widely researched for its therapeutic benefits. More clinical research is needed to explore the use of cannabinoids from medicinal hemp for the treatment of general preventative health conditions and as a potential curative agent for major therapeutic categories.

Major Potential Health benefits if CBD:

On-going clinical trials at renowned medical research centers have shown that CBD has significant potential for treating nearly all of the top 20 Global Therapeutic Categories. Studies of the therapeutic value of CBD have been conducted on diabetes, nausea, bowel disorders, symptoms of rheumatoid arthritis and other autoimmune diseases, and many neurological conditions such as anxiety disorders, epilepsy and even cancer. Positive results point to a powerful anti-inflammatory and anti-oxidant properties of CBD on the Endocannabinoid System.

Brain Functions / Mood

When we consider the brain functions, CBD studies on neurology have shown that CBD acts as a sedative in the brain. Many researchers have found that the active ingredient of CBD acts on the emotional centers of brain such as hypothalamus and relieve the experimented subject of stress and fear-like emotions, providing patients with a calming and soothing effect in relatively low doses. Research has also shown that, when administered, CBD (along with other therapeutic phytocannabinoids from medicinal hemp) have increased the cerebral blood flow, thereby increasing cerebral perfusion and bringing down the anxiety levels significantly. For an example of clinical on CBD and mood disorders, read; [Cannabidiol reduces anxiety and Generalized Social Anxiety Disorder \(SAD\)](#).

Epidermis / Aging

According to the results of recent dermatological research on cannabinoids from medicinal hemp, CBD can reduce the skin aging process and help in treating skin conditions such as psoriasis, or more debilitation conditions, such as **epidermolysis bullosa** (EB) and even [melanoma cell death](#). Phytocannabinoids from medical hemp have also shown positive results in clinical research to help in chronic autoimmune conditions, such as rheumatoid arthritis. Cannabinoids represent a hopeful treatment which may reduce arthritic pain and inflammation and confidently moderate bone growth and upkeep. It has already been proven that cannabinoids can efficiently treat types of arthritic pain, but recent evidence suggests that the cannabinoids are also significant for bone growth and upkeep throughout life. Here is a short [list of studies on Cannabidiol and the treatment of skin disorders](#) and general preventative skin health.

Neurology / Seizures

Evidence from laboratory studies, various researches and small clinical studies suggests that Cannabidiol, a non-psychoactive composite of medicinal hemp, shows great potential in controlling intractable seizures. Many research studies have shown positive outcomes in controlling epilepsy especially in pediatric cases for incurable

diseases of severe infantile epilepsy, such as Dravet Syndrome. More clinical research is required, but very positive results have been reported in observational studies and surveys for the perceived efficacy of Cannabidiol rich extracts for the treatment of pediatric epilepsy.

Though still in the research phase and with so many academic work being put into it CBD has shown many health benefits if used with proper knowledge and care. It is a new horizon in the field of medicine that can lead to many curative paths in the near future.