

What is Alzheimer's disease?

Alzheimer's disease (AD) is a condition that causes memory problems and other cognitive functions that cause unpredictable changes in behavior. Usually, it's progressive, which means it develops slowly and worsens over time. AD is the most common form of dementia. Currently, there is no cure for AD. There are two main changes that take place in the brain when an individual develops AD:

Plaques, which are clusters of protein that build up between the nerve cells in the brain. These stop cells from signalling to each other.

Tangles, which are dead or dying nerve cells. These stop nutrients from moving through the cells, causing them to die.

Most Robust Study of Its Kind' Confirms Link Between Low Vitamin D and Dementia



The link between low vitamin D & dementia has again been confirmed with the publication of a robust six-year long study⁴

conducted by an international team of researchers. *Participants who were severely vitamin D deficient were more than twice as likely to develop dementia and AD.*

Adults in the study who were moderately deficient in vitamin D had a 53 % increased risk of developing dementia of any kind, and the risk increased to 125 % in those who were severely deficient. The results confirm that vitamin D deficiency is associated with a substantially increased risk of all-cause dementia & Alzheimer disease.

The findings also suggest there's a threshold level of circulating vitamin D, below which your risk for dementia increases. This threshold was found to be right around 50 nmol/L, or 20 ng/ml. Higher levels were associated with good brain health.

Magnesium expert Dr. Carolyn Dean, MD, ND: *"The effectiveness and benefits of vitamin D are greatly undermined in the absence of adequate levels of magnesium in the body. Magnesium acts with and is essential to the activity of vitamin D, & yet most Americans do not get their RDA of this important mineral.*



Dementia NEEDS:

"We do not want Alzheimer sufferers or their carers to think that Juventus Cognition is in any way a treatment, cure or prevention of Dementia type diseases. We know and believe that the Juventus formula contains ingredients that when at low "D" blood serum levels early onset Dementia is proven to happen. The lower the levels, the greater the risk of AD becoming worse".

However "D3" serum levels below 50nmols, Dementia risks multiply by over 100%. Get the Test4D & know your levels so supplementation can be started to protect yourself...

Juventus for Transdermal vitamin D absorption.

Research on transdermal vitamin D3 absorption shows it's very advantageous but it's not a new way to get vitamin D into the body, nature has done this from the beginning, using the sun. Trials shows that transdermal vitamin D3 absorption is just over 5 times more absorbable than oral vitamin D3. This method of vitamin D3 adsorption, using a combo of powerful cosmetic compounds makes your health protection an integral component of your beauty & skin care regime.



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JUVENTUS COGNITION???

Juventus is a functional cosmetic to beautify skin. The same mix is fantastic for brain health & functions. Amazingly Juventus Cognition does improve Brain Health...

In a world that is increasingly in-sensitive to low quality chemicals & additives it's good to know something is available that is pure & beneficial.

With the purity of Juventus we can increase D3 & anti-oxidant levels to assist reducing problems associated with Memory, Alzheimer's & Dementia. Wrinkles & stretch marks fade, health improves & we stay confident & young.

Please spread the word.

Agent:

Magnesium – Health Benefits

It helps the body in maintaining normal nerve and muscle function, along with steady cardiac beats. Besides, it also keeps your bones strong and boosts your body's immunity power. What's more, magnesium strengthens the body with protein fusion, and aids one in maintaining normal blood pressure. Researchers have also proved that magnesium helps in prevention and management of diseases like diabetes and cardiovascular diseases like strokes and heart attacks. This is by far the most important use of magnesium.

Anti wrinkle: As you start aging, you notice fine lines around your eyes and on forehead. Magnesium is very effective in reducing these wrinkles and fine lines.

Memory Problems, Alzheimer's linked to deficiency of Vitamin B12.

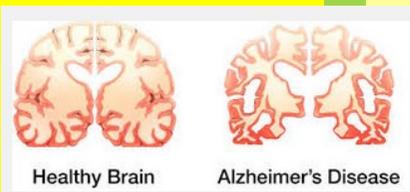
A new study published in the journal Neurology, finds that a deficiency in vitamin B12 is associated with memory and thinking problems, as well as brain shrinkage.

There's been a lot of buzz about B12 in recent years, and here's another reason to pay attention to it: A new study finds that a deficiency in B12 is associated with memory and thinking problems, as well as brain shrinkage. The research is published in the journal Neurology.

Researchers did not prove that low vitamin B12 levels cause these cognitive abnormalities, but they did find a strong association with markers of deficiency, said study co-author Dr. Martha Morris of the Rush University Medical Center in Chicago.

The theory is that adequate levels of B12 is necessary for the brain's myelin sheath, an insulating layer around nerves. When the sheath gets damaged, impulses between transmitted along nerve cells slow down. Researchers looked at 121 participants in the Chicago Health & Aging Project. They looked at both serum levels of vitamin B12 & markers of vitamin B12 deficiency. The study found that methylmalonate, a marker of vitamin B12 deficiency, is associated with a reduction of brain volume & so may contribute to cognitive problems..

B12 deficiency has not been shown to be directly involved in the pathology of Alzheimer's in the brain, but it may aggravate the brain in other ways that could lead to Alzheimer's. B12 is an essential part of Juventus Skin Serum & healthy skin is a necessary aid to maintain Alzheimer's patients morale.



Resveratrol & Alzheimer's Disease

Published on September 14, 2015.

The list of growing research in support of Resveratrol, vitamin D and other nutrients for the aging brain are beginning to show positive proof that nutritional supplements & proper diet have a positive effect on the aging brain.

In the largest nationwide clinical trial to study high-dose resveratrol long-term in people with mild to moderate Alzheimer's disease found that a biomarker that declines when the disease progresses was stabilized in people who took the purified form of resveratrol. Resveratrol is a naturally occurring compound found in foods such as red grapes, raspberries, dark chocolate and some red wines.



Vitamin E Slows Decline in Alzheimer's

Also known as alpha-tocopherol, vitamin E is considered to be a wonder drug. Besides its ability to treat problems pertaining to heart. *A new study from The Journal of the American Medical Association has found that vitamin E can slow the progression of Alzheimer's Disease in patients with mild or moderate Alzheimer's. Researchers found those participants who took a high dosage of vitamin E were able to function more independently for longer than those did not take the supplement.*

The JAMA study was one of the most comprehensive ever involving patients with mild to moderate Alzheimer's. The study began in 2007 & ended in 2012 and included over 600 patients from 14 VA hospitals nationwide. Half of the participants received a high dose of vitamin E while the other half received a placebo pill. Those who received the vitamin E supplement had a smaller decline in their abilities to complete activities of daily living than those who received the placebo.

Sharing the gift
of health

Aloe Vera Found to Stave Off Alzheimer's, Improve Cognition:

Researchers with Miami's School of Medicine found that a compound from Aloe Vera could reduce the symptoms of Alzheimer's disease & increased cognition scores. The study was published in the *Journal of Alzheimer's Disease* and established participants who received a supplement of aloe polymannose for a period of one year say significant improvements occurred. 46% of the participants experienced improvements in their cognition. Also, several inflammatory factors were reduced in the participants, which could trigger Alzheimer's disease &/or it's symptoms.



VINANZA Anti-oxidant.

The **Vinanza** grape is a special ingredient found in some of the best natural skin products that exist. It has been shown to contain some of the highest antioxidant levels ever detected by science.

Dr. Giulio Pasinetti: "Grape Seed Extract Fights Alzheimer's"

NEW YORK, NY – October 4, 2011

Researchers publishing the result of a study in the *Journal of Alzheimer's Disease* found that eating grapes and supplementing with grape seed extract compounds help to prevent the development and progression of Alzheimer's dementia. After the five month period, researchers found that the mice had dramatically lowered levels of alpha beta-56, a specific form of oligomer previously implicated in the promotion of Alzheimer's disease memory loss. Dr. Giulio Maria Pasinetti, researcher from Mount Sinai School of Medicine in NY, found the results "strongly suggest that grape seed extract should be further tested as a potential prevention and/or therapy for Alzheimer's."

Grape Seed Extract is one of the few antioxidants capable of crossing the blood-brain barrier—a selectively permeable guard which prevents harmful substances from reaching the brain. The ramification of this phenomenon is that the beneficial aspects of this powerful antioxidant can be utilized by the brain and central nervous system.

This has enormous implications for psychoneurological health. First, the antioxidant action of Grape Seed Extract protects brain tissues from damage by free radicals. Second, the ability of this compound to improve microcirculation has a beneficial effect by lowering the incidence of stroke. Mental alertness and memory are also improved due to increased blood flow.