





## Focus and Clarity with Avini's Mind & Vision

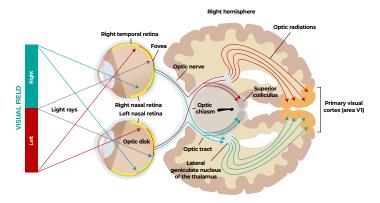


## Rik J. Deitsch, MS Biochemistry Chief Scientific Officer, Avini Health

While there are many complaints related to aging, the principal ones of concern seem irretrievably linked to issues related to eyesight and mental clarity. Issues like: blurred vision (called refractive errors), Age-Related Macular Degeneration (ARMD), cataracts, diabetic retinopathy, and glaucoma seem almost universal and unavoidable as we age. Similarly, problems with memory retention ('can't find the word'), slower mental processing, trouble multitasking and actual dementia are accepted as just 'something that happens' as we age. We even make light of it with comments like, "I had a 'senior moment'..."

The fact is that there are things that we can do to improve visual acuity, prevent Age-Related Macular Degeneration, improve mental clarity, and even reduce the risks of dementia. Additionally, research has provided insight into the clear connection between our eyes and our brains. We know that the eyes are an anatomical extension of the brain. Multiple parallels can be drawn between their neurons, vasculature, and immune response. Additionally, both organs modify similarly with disease; with current neuroscience providing a rapidly emerging area of research using the eyes as a window to changes occurring in the brain.

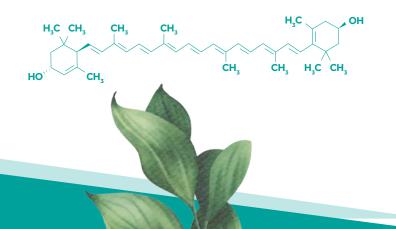
& VISION



Keeping this in mind, it seems clear that what is good for the eyes must be good for the brain and what is good for the brain must be good for the eyes. While it seems obvious – Avini Health is the first company to utilize this information to create a cutting-edge product that addresses all of these issues in a simple and elegant formulation.

Avini's Plus Mind & Vision is a unique combination of nutrients and herbs (Huperzine A, Dimethylaminoethanol (DMAE), N-Acetyl-L-Carnitine, Floraglo Lutein, Bilberry Extract, and Detoxolite) which work in concert to maintain and enhance brain and nervous system functions as well as promote visual acuity. This includes mental alertness, clarity, memory retention, improved visual focus as well as improved night vision and glare recovery. These positive effects on structure and function of the brain, nervous system, and eyes are supported by numerous scientific/clinical studies.

**FloraGLO® Lutein** is naturally-sourced, unesterified lutein that is scientifically proven to protect our eyes from the part of visible light, known as blue light. It is most widely known for eye health due to a groundbreaking study known as the Age-Related Eye Disease Study 2 (AREDS2) – a study that used FloraGLO Lutein. A growing body of research also supports lutein as an important nutrient for brain function throughout all stages of life; from protecting the developing infant brain to supporting cognitive function in adults.



Huperzine A: An extract of the Chinese club moss, Huperzia serrata, huperzine A has been used in Chinese medicine for centuries. It is an effective inhibitor of acetylcholinesterase, the enzyme that degrades acetylcholine, the neurotransmitter important for normal memory and learning function. Huperzine A may help maintain cognitive function that has been degraded by a reduction in the brain's functional levels of the neurotransmitter acetylcholine.



**DMAE (Dimethylaminoethanol)** functions as a neurotransmitter and is neuroprotective in the brain. DMAE helps eliminate lipofuscin and free radicals from brain cells. It also helps increase free choline to be available in your system and stimulates cholinergic receptors that may promote the use of acetylcholine (ACh) in your brain, thus improving mood and energy while influencing sleep patterns.



**N-Acetyl-L-carnitine (ALCAR):** This acetylated high-energy ester of the amino acid L-carnitine contributes its acetyl group to the production of acetylcholine, the primary neurotransmitter for memory and thought. The enzyme that makes acetylcholine from acetyl groups and choline is choline acetyl transferase. The activity of this important enzyme has a tendency to decline with age, causing low acetylcholine levels which in turn are thought to contribute to the impairment of brain function that is associated with aging. Research has also found that ALCAR is active in optimizing the functioning of cerebral blood flow, as well as of nerve cell membranes.

**Bilberry Extract** has been clinically shown to stabilize tear production, increase the strength of collagen fibers in the capillaries, and help build strong blood vessels; which improves circulation to the eye. The potent anthocyanin content supports overall eye health and vision; and has been shown to be beneficial in supporting shortsightedness, as well as prevent age-related macular degeneration. Historically, British pilots during WWII ate bilberry jam to improve their vision at night. **Detoxolite:** Avini's micronized and activated clinoptilolite zeolite that detoxifies while improving nutritional absorption and utilization. Detoxolite also has antioxidant capabilities, further supporting the ingredients and preventing photo-oxidation. Clinical studies have reported that users have experienced improved mental clarity as well as improved visual acuity.

In all, Avini Health's Mind & Vision delivers on its promise to provide benefits for visual acuity and mental clarity: providing nutrition to prevent photo-oxidation in the eyes, supporting healthy eye structure and function, providing neurotransmitters to improve cognitive function and providing components that support our neural networks. Try Mind & Vision – you'll think and see more clearly.



