

## Deprenyl

Deprenyl is also known as selegiline has shown the ability to dramatically increase the life expectancy of animals after a series of famous experiments in the 1960s by Professor Joseph Knoll. He proved that Deprenyl improves the availability of dopamine, and slows its age-related decline by acting as a selective MAO-B inhibitor and even more importantly, according to Professor Joseph Knoll at the June 2000 Monte Carlo Anti-Aging Conference, it has an enhancer effect and helps maintain healthy brain cells, (particularly in the dopamine producing neuron area of the brain called the substantia nigra). Deprenyl enhances brain levels of both dopamine and PEA. There is a 13% per decade decline in brain dopamine levels past the age of 40 for normal healthy individuals (Dean, Fowkes & Morgenthaler). [Click here to see a figure depicting the decline of dopamine with advancing age.](#) When dopamine levels reach 30% of normal levels Parkinsons disease is diagnosed, when dopamine levels reach 10% of normal levels death ensues. Therefore, human longevity is in-part governed by the rate of dopamine decline and its support and enhancement means not only longer life but lucid mental capabilities too. [Click here to see the life extension abilities of deprenyl in animal experiments.](#) Deprenyl is also noted to have anti-depression properties and aphrodisiac effects (much more so for men) helping to improve sexual function and desire. Its official approved use is to treat Parkinsons disease (because this is a disease that affects the brain levels of dopamine), but it is also being used more and more in other dementias and even cancers. Parkinson and Alzheimers disease patients are often treated with very high doses of 20mg daily (often along with other drugs of course). Anti-aging doses (dependant on age and condition) are more likely to be 2.5mg to 5mg once, twice or three times a week, or better still 1-3mg per day. Deprenyl tablets are selegiline hydrochloride, which is deprenyl bonded to an in-organic molecule, however liquid deprenyl citrate (LDC) is selegiline bonded to an organic molecule, one reason why the liquid deprenyl citrate is considered to be superior. This form is generally recognised as the most pure and potent form of deprenyl available. It also allows precise titration for anti-aging purposes, as each ml drop in the bottle is equivalent to 1mg deprenyl citrate. The manufacturer recommends 1mg two times a week for 30 to 35 years olds up to 10mg daily for 80 year olds plus (an age/ dosage list in English is enclosed with order). Ward Dean MD recommends reducing deprenyl doses after several months too lower levels and taking occasional sabbaticals. Caution: Deprenyl hydrochloride is a controlled substance in Japan; this may be because a tiny amount of the product in tablet form is derived from amphetamine. However it is estimated that a very high dose of deprenyl (20mg) produces only 1/100th of the amount required for a positive-dope-test!

"There's no question that my tinnitus has subsided whilst using the vinpocetine, but it's more than that I do feel better." F.H.G., Texas.

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