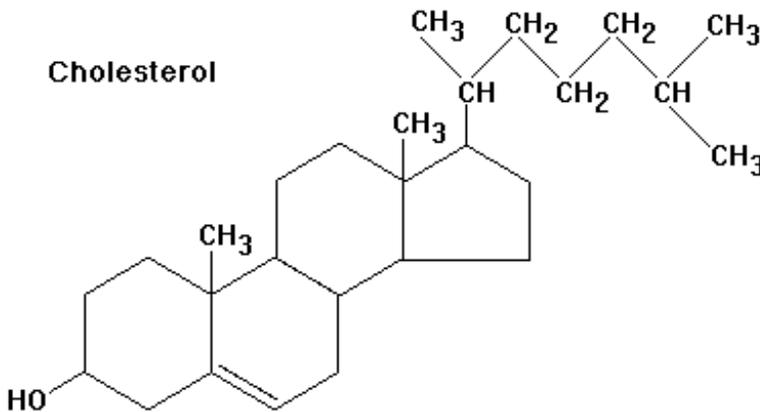


Statins Do NOT Treat AD

Statins Have Been Widely Studied In AD

“We found no evidence that statins help in the treatment of cognitive decline in dementia.”



Do Statins Cause Alzheimer's? Statins cripple the liver's ability to make cholesterol, and as a result the level of LDL in the blood plummets. Cholesterol plays a crucial role in the brain, enabling signal transport across the synapse and encouraging the growth of neurons through healthy development of the myelin sheath.

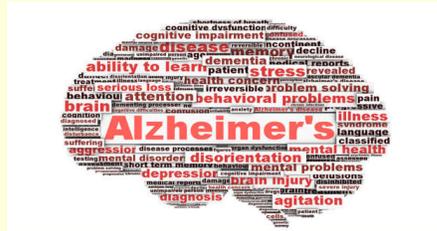
Cholesterol plays a vital role in brain function. 25% of the total

cholesterol in the body is found in the brain, and it is abundant in the synapses and in the myelin sheath. The cholesterol in these places has been shown to play an absolutely essential role in signal transport and in brain growth and repair.

The statin industry is very clear that statins are effective at interfering with cholesterol production in the brain as well as in the liver.

Complex Alzheimer's

Recent trials of statins produced no benefit for subjects with Alzheimer's disease. These negative studies add to a growing list of negative clinical trials. These data point to a need for reevaluating the pathophysiology of late-onset Alzheimer's disease. Late-onset Alzheimer's disease might result from the cumulative effects of at least four different factors: β -amyloid accumulation, cardiovascular disease, aging and



the associated loss of synaptic plasticity, and inflammation. Successful therapy of subjects with overt dementia might require approaches targeting all four pathophysiological domains. Statins do not target any of these domains effectively.

Statins for the Treatment of AD

Researchers identified four studies involving 1154 participants (age range 50 to 90 years). The studies used standard tests to assess the severity of Alzheimer's disease. From these trials, including two large trials, they found no evidence that statins help in the treatment of cognitive decline in dementia.”



Beatrice Golomb is an M.D. Ph.D. who heads up the UCSD Statin Study group, a research team who are actively investigating the risk-benefit balance of statin drugs. She is increasingly becoming convinced that statin drugs should not be recommended for the elderly: that in their case the risks clearly outweigh the benefits.