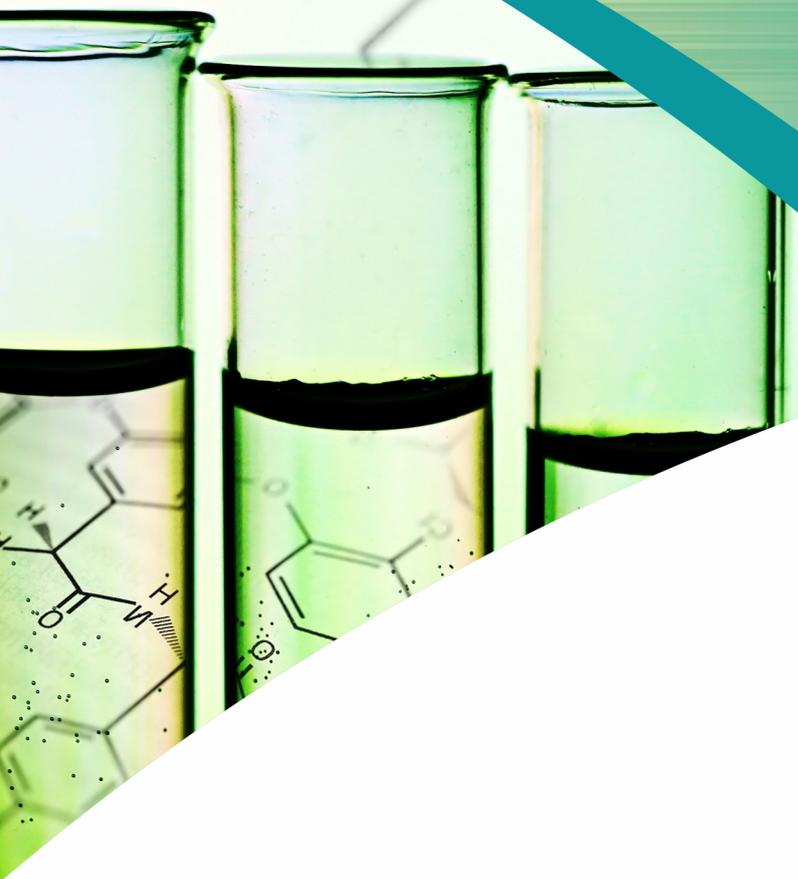


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Disclaimer:

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Effect of Ursodeoxycholic Acid and its Combination with Sweet Orange Aromatherapy as Nootropic Approach for Alzheimer's Disease(AD): A Review

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ABSTRACT

Background: Alzheimer's disease is an age-related neurodegenerative disorder characterized by memory deficits. Various studies have been carried out to find therapeutic approaches for Alzheimer's disease. However, the proper treatment option is still not available. There is no cure for Alzheimer's disease, but symptomatic treatment may improve the memory and other dementia related problems. Traditional medicine is practiced worldwide as memory enhancer since ancient times. In India, more than 4 million people have some form of dementia. Worldwide, at least 44 million people are living with dementia, making the disease a global health crisis that must be addressed. A large number of factors has been associated with increased risk of AD, but among those, cerebrovascular disease and its antecedents are the most consistently reported. The main features of AD are extracellular A β pathology and neurofibrillary tau pathology tangles and threads. Ursodeoxycholic acid shows that it is able to improve the functioning of mitochondria in certain individuals diagnosed with Parkinson's disease. In Alzheimer's disease, mitochondrial dysfunction is often a factor, and these changes appear to occur even before toxic protein plaques begin to amass in the brain. Aromatherapy is the use of essential oils as an alternative treatment for medical purposes. Despite the lack of sufficient scientific proof, it is considered a holistic complementary therapy employed to enhance comfort and decrease distress, Citrus fragrances have been particularly used by aromatherapists for the treatment of anxiety symptoms.

Conclusion: This review provides current state of knowledge about Alzheimer disease, ursodeoxycholic acid and Citrus lemon fragrance together or alone may be able to improve or cure Alzheimer's Disease. Large prospective multicenter studies are needed to explore relationship between Alzheimer's disease and ursodeoxycholic acid.



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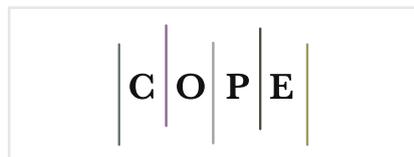
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