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A comprehensive survey of Antioxidant properties effects of ArteryCare herbal distilate on Hypertension parameter

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Abstract

Hypertension is a major public health issue since it is responsible for the 55% of deaths per year associated with cardiovascular diseases induced by heart disease or stroke. Recently it has been hypothesized that oxidative stress is a key player in the pathogenesis of hypertension. Recently, Herbal products are increasingly used, mainly in human illnesses. Essential oils are botanical origin complex mixtures of volatile aroma compounds These oils are derived by mechanical pressing, hydrodistillation, steam distillation or supercritical fluid extraction of virtually every plant parts. Golbahar Gostar Company after examining various materials and compounds, has obtained ArteryCare herbal distillate with antioxidant compounds such as Quercetin, Limonene, Coumarin , omega-3, Vitamin C and Vitamin E improves hypertension. This review investigates the available studies on the antioxidant effects of some medicinal plants (*Portulaca oleracea L. Allium sativum, Trigonella foenum-graecum L., Apium graveolens, Medicago sativa, Citrus aurantium*) used in ArteryCare herbal distillate produced by this Company On hypertension . The present article incorporated a detailed interpretation of the six medicinal plants , emphasizing pharmacological properties such as antioxidant activities, and mechanism of action based on preclinical and clinical studies, safety issues along with the current research potential of the medicinal plants. **Keywords:** ArteryCare herbal distillate ,Antioxidant, Hypertension, Medicinal Plants, Oxidative stress.

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