Extracted herbal products with anti-oxidative activity for anti-aging and breast cancer treatment

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Abstract

Antioxidants are known that it may help body function better, prevent certain diseases, and relieve muscle damage and soreness after exercise. This study was carried out with two herbal products of HHKV and Vitexina with a potential antioxidant activity. The study was conducted as an open clinical trial in women, aged between 60 and 85 years old for HHKV and breast cancer patients undergoing radiotherapy with Coblt-60 are at risk of impaired immune response for Vitexina. The film-coated tables HHKV (500 mg) were given to patient at dose of 4 tables per day, for 60 days. The application of the drug helped to improve appetite, sleeping, to reduce some symptoms of deficiency of cerebral blood circulation. Memory tests were examined (including tests of directions, identification, calculation and linguistic), only two tests of calculation and linguistic were found positively. Headache improved in 90% of cases, back ages improved in 35%, fatigue and poor memory improved in 60% of case. Blood lipid levels reduced, cholesterol lowered form 275.19 42.07 to 234.28 40.20 ($p<0.01$), triglyceride reduced from 270. 17 ± 178.07 to 234.21 ± 164.91 ($P<0.05$). The HHKV drug enhanced the immune response by evidences of increasing immune-responsible cells and increasing their blast transformation functions with LTT test, stimulation index (SI) increased from 31 ± 24.1 on day 0 to 40.7 ± 32.9 on day 60 ($p<0.001$). The oxidative status improved may be contributed to health beneficial effects of the HHKV product. The serum MDA level (a maker of oxidative stress) was decreased significantly from 5.19 ± 0.95 mmol/l to 3.29 ± 0.54 mmol/l after 60 days of treatment. Treatment with Vitexina for 2 months produced a significantrecover of immune response

with an increase of total leukocyte, lymphocyte counts, T-CD4, T-CD8, and in lymphocyte blast-transformation.

The findings suggested that the application of Vitexina are beneficial for breast cancer patients at least in aspect of recovering the immunological response.