Points to Remember

1. Ginkgo Extra promotes microcirculation in the skin and liver

2. It is a highly concentrated extract of whole, fresh Ginkgo leaf.
   Ginkgolic acid is removed for safety.

3. Ginkgo Extra is well tolerated by over 80% of elderly patients.

4. Ginkgo Extra may help with conditions such as venous insufficiency, Raynaud’s disease, impotence, macular degeneration and vertigo.
   When poor circulation is a causal factor, by improving microcirculation in the body.

5. It is clinically proven to increase microcapillary network.
   Thus better supplying nutrients to the cells.

6. Ginkgo Extra is clinically proven to increase the white blood cell count in the venules.
   Thus improving immune function.

7. Ginkgo Extra improves blood circulation in the liver.

8. It produces a powerful antioxidant effect.
   Measured by the amount of reduced glutathione levels in the liver.

References:
4. Health Canada issued NPN licence allegation: NPN-80027215
90% of the patients in the study would take the product again.

Our clinical study shows that Ginkgo Extra is well tolerated by over 80% of the elderly population. Ginkgo Extra is indicated to help support microcirculation in the skin and liver in the aging population. Microcirculation takes place in capillaries; it is the link between blood and the single cell. This is how tissues and single cells are supplied with oxygen and nutrients. Ginkgo Extra strengthens capillaries and allows more blood to reach the brain, hands and feet and all organs.

Ginkgo Extra is a herbal remedy made from an alcohol extract of fresh Ginkgo biloba leaves. The extract is then concentrated and put into tablet form, with each tablet containing the equivalent of 730 mg to 2100 mg of fresh Ginkgo biloba leaves. This variation is attributable to growing conditions: rain, harvest time, temperature.

It contains all of the elements contained in the Ginkgo biloba leaves in their natural proportions. Because of the high concentration of all the elements in the Ginkgo Extra tablets, it is vital to reduce the ginkgolic acid content in the tincture before producing the tablets. Ginkgolic acid is removed by adsorption, a physical reduction process developed by Bioforce/A.Vogel, which does not chemically alter the tincture nor requires solvents.

Ginkgo Extra is indicated to help support microcirculation in the skin and liver in the aging population. This can improve conditions such as venous insufficiency, Raynaud’s disease, impotence, macular degeneration and vertigo when deficient blood circulation is a causal factor.

Quality and content

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Indication

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Safety

Our clinical study shows that Ginkgo Extra is well tolerated by over 80% of the elderly population. 90% of the patients in the study would take the product again.

Caution

It is important to consult a healthcare practitioner prior to use if you are:

- taking medication for diabetes, high blood pressure or seizures
- pregnant or breastfeeding

Avoid combining with health products that affect blood coagulation, e.g. blood thinners, clotting factor replacements, acetylsalicylic acid, ibuprofen, fish oils, vitamin E, as this may increase the risk of spontaneous bleeding.

Avoid taking in case of a known allergy to any of the product’s ingredients.

Clinical Evidence

In a controlled clinical trial, we investigated the influence of a fresh Ginkgo biloba leaf extract on microcirculation parameters, in elderly patients in a 30-day treatment.

Study design

32 patients aged 60-70 years (16 A.Vogel Ginkgo Extra/16 untreated controls). Treatment duration: 30 days. Dosage: 2x3 tablets/day.

1) Increased number of nodal points

- The number of nodal points (capillary “crossings”) in a microcapillary network provides a good indication of how effectively a tissue is being supplied with blood.

- With treatment with A.Vogel Ginkgo Extra, the number of nodal points increased significantly after only 10 days (p<0.05) compared to the untreated control group.

2) Increase stream flow in the small veins

- Venular streaming provides insight into how powerful and fast blood flows through the microvessels and increases microcirculation. Venular stream flow increased significantly (p<0.05) after 20 days of treatment.

3) Increased white blood cells penetration into the tissues for better immune function

- The number of white blood cells in a defined venous area increased significantly after 20 days of treatment.

- The number of intercellular adhesion molecules (ICAMs) improved also in the same manner.

Results measured in the subcutis

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Results measured in the liver

1) Increased blood flow in the liver sinusoids

2) Enlarged area of cross section of the sinusoids

3) Reduced clustering of red blood cells

4) Antioxidant effect

Ginkgo appeared to improve the body’s antioxidant capacity which is measured by the amount of reduced glutathione in the liver. Glutathione is a radical scavenger like vitamin C or E, but stronger. It is found in large amounts in the liver.

This study demonstrated for the first time that a ginkgo preparation could enhance microcirculation in the liver, an example of a large inner organ. This suggests that microcirculation in the entire body may also be augmented.