

Clinical Research

Trial Overview

Chinese Medical Practitioners introduced the Life Enrichment Institute to the Rosa Roxburghii Tratt Fruit and a healthy lifestyle in March 1994. This introduction led to the establishment of a mutually beneficial, exclusive, joint venture between the Rosa Roxburghii Tratt developers and the Life Enrichment Institute.

The Rosa Roxburghii Tratt Fruit is classified as a Traditional Nutritional Medicine and has been used extensively as part of a natural whole food diet for the treatment of metabolic and nutritional disorders.

Various formal clinical trials have been performed over the past eighteen years which clearly identified the Rosa Roxburghii Tratt Fruit as being a unique functional food that should be applied as an adjunct before, during and after receiving medication for life threatening diseases.

Potchefstroom University agreed to a formal human pilot clinical trial in the use and application of the Rosa Roxburghii Fruit in accordance with the Chinese proven clinical trials. The Potchefstroom University ethical committee approved trial started on 15 July 1998. The Quangxi and Potchefstroom Universities have started a joint ratification of this pilot program and have identified mutual agreed research achievements for further study.

Some of the significant preliminary joint research findings indicate substantial:

1. Increase in SOD levels
2. Increase in reduced glutathione levels
3. Justification to investigate the Methaemoglobin levels during administration
4. Elimination of unwanted free radicals in the body.
5. Detoxify the body on an on-going basis.
6. Reduce the Lipoid Peroxidation
7. Reduce fatigue during strenuous exercise - extend energy levels up to four hours
8. Prolong survival times under decompression mode
9. De-stress the body
10. Stimulate the immunity system – CD4 (T1 & T2) and CD8 cells
11. Keep the cell structure healthy.

The Life Enrichment Institute invited and sponsored the Chinese academic personnel to assist the Potchefstroom Bio-Chemistry department with the ratification of these joint results. This co-operation agreement signified a major step forward for the establishment of East / West Academic research, trading and ratification of various life giving nutritional medicines never before utilised in the Western World.

Cili Bao - Superoxide Dismutase Preliminary Project

for The Life Enrichment Institute - Gerhard Joubert

Truncated protocol

Subjects:

- 16 (8 men / 8 women) *normal group*
- 8 HIV group
- 8 Diabetic group

Products:

- Cili bao fruit extract / pulp + Competitor meal Supplement 1
- Cili bao fruit extract / pulp + Competitor meal & Chlorella.. Supplement 2
- Control group (placebo)

Administering protocol:

A Potchefstroom Group (normal group)

- 1 serving = 10 ml (10 mg)
 - All subjects are monitored for 2 weeks prior to supplement intake and 2 weeks after supplement intake duration.
- Diet of subjects are monitored.
- 4 persons taking 1 serving of Supplement 1 with "Endurance" breakfast, lunch and dinner. Daily for 6 weeks.
 - 4 persons taking 1 serving of Supplement 2 with "Endurance" breakfast, lunch and dinner. Daily for 6 weeks.
 - 4 persons taking 1 serving of Supplement 3 with "Endurance" breakfast, lunch and dinner. Daily for 6 weeks.
- 4 persons taking no additional supplements would serve as controls.

B HIV group

* Administering of supplements will be similar to Group A.

C Diabetic group

* Administering of supplements will be similar to Group A.

Analysis

- A blood sample (5 ml) of each of the subjects would be taken once a week and the following parameters measured:
 1. SOD in plasma and erythrocytes
 2. Hemoglobin/oxyhemoglobin/methemoglobin ratio

3. Serum Total peroxy radical-trapping potential (TRAP)
4. Reduced Glutathione
5. Cyto-toxicity
6. LDL and HDL
7. CD4 and CD8
8. Lymphocytes – full spectrum