





















PROTECTIVAL™ The Active Shield

Research name: LCS101

Scientific Background & Research Summary:

Protectival™ is a unique, multi-targeted, natural, botanical compound, which is based on many years of clinical experience and research. There have been over 200 preclinical studies conducted on Protectival™, with renowned oncologists and scientists in Medical Centers in Israel and the US and at the Bar Ilan University Cancer Research Laboratories. A Randomized Controlled Clinical Trial (RCT) on Protectival™, carried out in the Oncology Department of a leading Hospital in Israel, demonstrated safety and efficacy.

The Protectival™ Formula is proprietary and patented – both regarding the ingredient concentration and the unique Product Development and Production Process – which are essential to Product Safety & Efficacy. The outstanding safety & efficacy are the result of 15 years of intensive Scientific Research & Development and should not be provided in any other form.

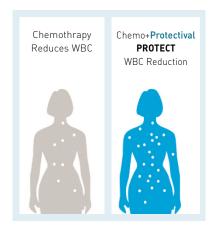
ProtectivalTM's multi-targeted action has been shown to be effective in:

- 1. Protection from chemotherapy side effects;
- 2. Killing of cancer cells;
- 3. Immune enhancement;
- 4. Quality of life improvement;

This broad spectrum activity - with such ample scientific support - **is outstanding**.

1. Protection from chemotherapy side effects:

Reducing chemotherapy side effects by more than 50%. ProtectivalTM was clinically tested in a study conducted at the Tel Aviv Sourasky Medical Center Oncology Department. This breakthrough study demonstrated that breast cancer patients undergoing chemotherapy and using ProtectivalTM showed an increased recovery rate, improved quality of life and enhanced immune system.



Reducing chemotherapy side effects (WBC, RBC) by more than 50%:

While chemotherapy weakens the immune system, Protectival™ demonstrated strong protective effects of the immune system (red & white blood cell counts).

In further pre-clinical studies, Protectival™ has been shown to protect healthy cells from the effect of various chemotherapeutic drugs, while killing cancer cells (pancreatic, breast, colon and prostate cancer cells - in fact every solid cancer tumor tested).

The clinical trial was published in "The Oncologist" 2011;16(9): 1197-1202)

2. Killing of cancer cells:

A published Study on Protectival™ anti-cancer effect showed dose dependent inhibitory effect when tested on human breast cancer cell lines.

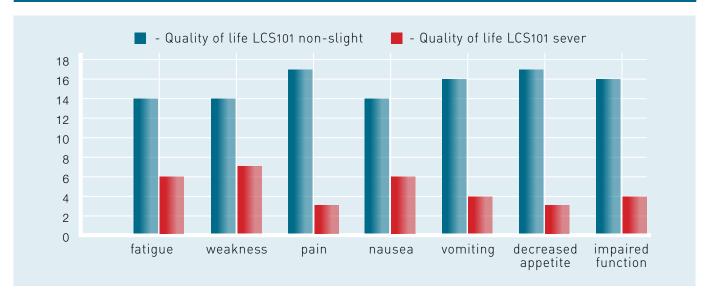
Published in The Journal of International Medical Research - J Int Med Res. 2010;38(6):2033-9.

3. Immune enhancement:

The effect of Protectival[™] on various components of the immune system was evaluated. The research results suggest that Protectival[™] possesses immune-modulatory capacity - as evidenced by augmentation of elements of both adaptive and innate immunity. These findings support the observations of a potential role for immune stimulation by Protectival[™], as a supportive treatment for cancer patients receiving chemotherapy.

Published: (OncoTargets and Therapy 2013:6 1-9)

4. Quality of life study:



Effect of botanical compound Protectival[™] (Research Name ⁻ LCS101) on chemotherapy-induced symptoms in breast cancer patients (published in: Integrative Medicine Insights 2013:8 1-8).

<u>Clinical outcome</u>: Most (70%) reported none to mild severity of fatigue; 60% none to mild weakness; 85% none to mild pain; 70% none to mild nausea; and 80% none to mild vomiting. **85% reported that they felt that LCS101 helped reduce their symptoms.**

Proprietary Scientific Research Information * Intended for Review by Medical & Health Care Professionals Only

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This insert contains general information only, which is not intended as a treatment recommendation or curing method.

LifeBiotic® - Bridging the Gap between Nature and Science in the Treatment and Prevention of Cancer