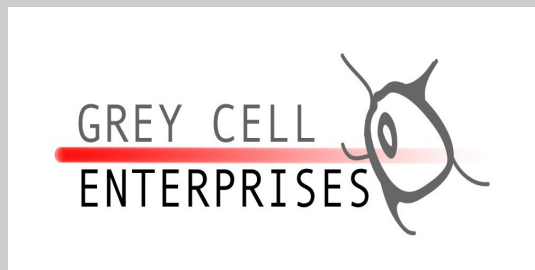


## Welcome to Grey Cell Enterprises.



### Grey Cell Enterprises.

#### **Skin Creams and Trans-Dermal Gel: Active Ingredients**

**Aloe Vera** has been shown to have skin moisturising effects. Aloe Vera extracts have positive effects on cell structure and increase cellular healing potential. Antilipoxygenase activity and the trace elements content of Aloe Vera account for rapid skin healing in burn victims and radiation-affected patients. These extracts have been used in facial plastic surgery healing and wound management in chronic ulceration, and shown to have UV protective effects on exposed skin.

**African Griffonia Seed** contains 5-hydroxytryptophan (5-11% 5-HTP). This is the immediate precursor of serotonin. Low levels of serotonin are associated with sleep problems, depression, anxiety, compulsive disorders (including eating disorders), restless leg syndrome, migraines, fibromyalgia, and low pain threshold. Many people that are afflicted with one of those conditions often have others, which have led some researchers to label them collectively as "Low Serotonin Syndrome".

**CoEnzyme Q10 (CoEQ10)** has anti-inflammatory and antioxidant properties. It is an important nutritional supplement before and following surgery. It helps prevent skin damage and aging that may result in wrinkle formation. Studies have shown CoEQ10's importance in skin healing and rejuvenation.

**Colloidal Silver** has been found to have antibacterial properties. Research and published studies have shown colloidal silver prevents damage by free radicals, especially the hydroxide free radicals. Colloidal silver has been used in management of burns, and is one constituent of an experimental wound dressing for infection control and tissue healing potential. It has been used to cleanse the body of heavy metals.

**Eucalyptus Extracts** show antibacterial, anti-viral and anti-fungal properties. They have been used in cases of multiple-resistance staphylococcus infections. A topical application or percutaneous treatment has been shown to be effective in chronic MRSA osteomyelitis. An anti-inflammatory effect through

anti-oxidant pathway has been demonstrated, and eucalyptus extracts are used to de-stress patients and control post-operative pain. In addition, the eucalyptus extracts show antiplasmod activity. The antibacterial efficacies of eucalyptus tincture are used in obstetric-gynaecologic and dental infections.

**Frankincense Extracts** are used in China in wound dressings to control infection and manage tissue regeneration and repair. The extract has anti-microbial and anti-fungal activity, which are of dermatological relevance. Frankincense extracts are used in trans-dermal preparations to deliver pharmaceuticals into deep tissue and into the blood system.

**Helichrysum Extracts** show biologically active compounds. Research has shown Helichrysum extracts to be antimicrobial, anti-inflammatory, anti-viral activity. Helichrysum extract interferes with the production of enterotoxins by Staphylococcus aureus and it inhibits herpes simplex virus type 1 activity.

**Hemp Extracts** have been used for over 100 years of historical record. The extracts are used in cooking and for health. The extracts are rich in Omega 3, 6 and 9 oils and these form part of man's essential nutrition for health.

**Honey** has been used for over 3500 years as a wound dressing. Honey shows anti-bacterial properties that have only been recently researched. It has shown good anti-bacterial results in cases of MRSA-contaminated skin ulcers. The efficacy of honey in inhibiting strains of Pseudomonas aeruginosa from infected burns and controlling Staphylococcus aureus from infected wounds has been published. The use of honey-derived dressings to promote effective wound management has been published in the literature, and honey as a traditional dressing for chronic wounds in adults is supported. Honey has been shown to accelerate wound healing in skin tissue and delicate eye tissues. Used in dilution, these effects are enhanced.

**Lavender Extracts** have been used to reduce pain and enhance wound healing. These extracts show anti-microbial activity and have been used to treat parasitic infestations successfully. In addition, these extracts show anti-inflammatory properties, suppress mutagenic potential, and have been used to manage wound infection and healing. Lavender extracts cross the dermal surface easily, and have been shown to allergic responses and neutrophil collection in tissue. The odour has a calming effect on the patient.

**Linseed / Flax Extracts** have been used since Greek and Roman times, over 2000 years of historical record. The extracts have been described as the 'Elixir of Life'. The extracts are rich in Omega 3, 6 and 9 oils and these form part of man's essential nutrition for health.

**Myrrh** has been used in the treatment of wounds and as an incense to promote a sense of well-being for over 3500 years. Myrrh extracts show anti-microbial and anti-inflammatory effects. It has been used in tinctures for infection control, such as periodontal disease, in dentistry for centenarians. New applications are being developed in wound dressings and plasters.

**Olive Extracts** have been used since Greek and Roman times, over 2000 years of historical record. The extracts have been used for light, heat and cooking. Olive oil forms the main culinary ingredient of the Mediterranean diet that promotes longevity and health. The extracts are rich in Omega 3, 6 and 9 oils and these form part of man's essential nutrition for health.

**Ozone** when incorporated as an ozonoid in a gel or cream has important anti-microbial properties. The products are anti-bacterial, anti-fungal, and anti-viral. They impart additional oxygen to cellular structures, and increase the potential for cellular regeneration and repair. They are important in infection control and wound management.

**Passionflower** was used in traditional remedies as a "calming" herb for anxiety, insomnia, seizures and hysteria. During the early twentieth century, this herb was included in many over-the-counter sedatives and sleep aids. In Germany passionflower is available as an over the- counter sedative (in combination with other calming herbs such as valerian and lemon balm). It is also used in German homeopathic medicine to treat pain, insomnia, and nervous restlessness. Today, professional herbalists use passionflower to help treat insomnia, tension, and other health problems related to anxiety and nervousness.

**Potassium Sorbate** has shown antifungal and antimicrobial antifungal activity. It is used for its anti-microbial properties in infection control and wound management. It is used extensively in the food industry and as a supplement.

**Sceletium** is being used successfully by a number of psychiatrists, psychologists and doctors with excellent results for anxiety states and mild to moderate depression; and they can also be used by the lay public as supplements to elevate mood and for stress and tension. In addition to Sceletium's common use for the stress and mental fatigue of modern industrial living, Sceletium has been used as a natural supplement in:

- 1. Low mood, including grey weather syndrome
- 2. Anxiety states, including social phobia
- 3. Irritability in menopause
- 4. Improvement in libido, when lack of libido is from anxiety or low mood
- 5. Post-traumatic stress disorder, as part of a support program

**Sesame Seed Oil** has been shown to reduce cellular oxidative stress, which is a key precursor to ageing of skin tissue. The oil has been shown to reduce periodontal disease, and the oil has anti-bacterial and fungal properties. Sesame seed oil contains a high percentage of Vitamin E, essential it maintaining healthy skin. Studies have shown anti-viral and nerve tissue growth stimulant.

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