



Presents for your consideration:
BioAdaptogen™

- ◆ **Supports healthy adrenal function**
- ◆ **Supports a reduction of fatigue and weakness**
- ◆ **Beneficially supports adaptation to stress (mental, emotional or physical)**

BioAdaptogen™ brings to the clinician a valuable tool for supporting the ‘stressed out’ patient. Combining time-tested ingredients such as Siberian ginseng (Eleuthrococcus), Korean ginseng (Panax ginseng), Indian ginseng (Ashwagandha), and Licorice (Glycyrrhiza glabra), this formula truly helps the body withstand stress and recover from it more quickly.

Eleuthrococcus has been used traditionally to help the body during times of mental, physical and metabolic stress. It has been shown to increase physical work capacity by 179% in clinical studies. Eleuthrococcus supports a strong immune system by protecting the adrenal glands during periods of stress.

The following is a list of historical uses for Eleuthrococcus:

- Adaptogen
- Stress, Fatigue
- Neurasthenia, debility, depression, nervous breakdown
- Allergies, hay fever
- Resistance to infections
- Normalize hypo- and hyperglycemia
- Increase mental and physical work capacity
- Increase concentration, improve performance
- Reduce convalescence time

BioAdaptogen™	Amounts per serving
Serving size	2 capsules
Number of servings per container	30
Calcium	250 mg.
Siberian Ginseng Root Extract (0.8% Eleuthrosides)	300 mg.
Panax Ginseng Extract (20% Ginsenosides)	300 mg.
Ashwagandha Extract (1.5% Withanolides)	300 mg.
Licorice root (Glycyrrhiza glabra)	40 mg.
Suggested Dose: Take 1 capsule, twice daily, between meals or as directed by your health care practitioner.	

Other Ingredients: Rice flour, magnesium stearate, cellulose, silica.

- Protect against environmental toxins and pollution
- Immunoregulator/immunostimulant
- Promote healthy appetite
- Increase fertility

Panax ginseng like its Siberian brother, Eleuthrococcus, has been used by the Koreans to help the body adapt to stress. Panax has also been shown to enhance physical endurance. Carbohydrate metabolism is spared and fats are oxidized (burned as fuel) more efficiently when using Panax ginseng. In addition to its adrenal gland support and balancing of cortisol levels, it also supports normal testicular function. Panax has been shown to enhance testosterone and spermatozoa production. Other noted benefits have been improved memory, learning, immune function and cardiovascular health.

The following is a list of historical uses for Panax:

- Adaptogen, general tonic
- Anti-stress, Anti-fatigue
- Restorative
- Increase resistance to infections
- Slight CNS stimulant
- Increase concentration, mental and physical work capacity
- Enhance mental acuity and intellectual performance
- Improve physical performance

- Promote appetite
- Anti-oxidant
- Support healthy cholesterol
- Help regulate adrenal gland function, and support a reduction in exhaustion.

Ashwagandha (Withania somnifera) is also known as Indian ginseng. In India it is considered an anti-aging therapy. Ashwagandha is used as an adaptogen to nourish and strengthen the body. It has immune enhancing benefits like Panax and Eleuthrococcus.

The following is a list of historical uses for Ashwagandha:

- Anti-aging
- Nourishing, strengthening
- Anti-inflammatory
- Diuretic
- Sedative
- Anti-microbial activity
- Amoebicidal
- Support healthy cell activity
- Hematinic

Licorice (Glycyrrhiza glabra) has long been used for medicinal purposes. Licorice has reported benefits in individuals with disruption of gastric mucosa and adrenal insufficiencies. Glycyrrhizin, a glycoside with similar structure to adrenal steroids, has anti-inflammatory and adrenal sparing properties. Excessive intake of Glycyrrhizin can lead to sodium retention, potassium loss, fluid retention and high blood pressure.

The following is a list of historical uses for Licorice:

- Stomach irritation and disruption of gastric mucosa
- Inflammatory problems, including joint inflammation and pain
- Adrenal imbalances
- Blood sugar regulation
- Cirrhosis and liver damage
- Skin problems, including rashes, inflammation and discoloration
- Coughs and bronchial complaints
- Bacterial infections
- Constipation

- Female tonic

Contraindications: Licorice in amounts over 1.5 g. /day should not be taken by persons with diabetes, glaucoma, heart disorders, persons with a history of stroke or high blood pressure.

References:

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5. Ikegami N et al. Prophylactic effect of long term oral administration of glycyrrhizin on AIDS development of asymptomatic patients. Int Conf AIDS 9(1):234[abstract no.PO-A25-0596], 1993.
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These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

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