

Baxaprin™



— Back Pain Support Formula —

THIS INFORMATION IS PROVIDED FOR THE USE OF PHYSICIANS AND OTHER LICENSED HEALTH CARE PRACTITIONERS ONLY. THIS INFORMATION IS INTENDED FOR PHYSICIANS AND OTHER LICENSED HEALTH CARE PROVIDERS TO USE AS A BASIS FOR DETERMINING WHETHER OR NOT TO RECOMMEND THESE PRODUCTS TO THEIR PATIENTS. THIS MEDICAL AND SCIENTIFIC INFORMATION IS NOT FOR USE BY CONSUMERS. THE DIETARY SUPPLEMENT PRODUCTS OFFERED BY DESIGNS FOR HEALTH ARE NOT INTENDED FOR USE BY CONSUMERS AS A MEANS TO CURE, TREAT, PREVENT, DIAGNOSE, OR MITIGATE ANY DISEASE OR OTHER MEDICAL CONDITION.

Baxaprin™ is a new and revolutionary approach to the complications of physical and stress-induced back pain, a condition that plagues everyone from professional athletes to weekend warriors. Baxaprin™ is designed to optimize core musculoskeletal physiology so as to limit stresses on the spine and associated tissues that may lead to back pain and injury. Unlike almost all other common back pain therapies today, Baxaprin™ does not just address the pain and/or inflammation associated with the condition, but instead it helps deal with the underlying foundational causes, at the tissue level, that often ultimately lead to injuries and the resultant pain and inflammation.

How does Baxaprin™ address the root causes of back pain?

One key is controlling the natural contraction and relaxation of the muscles that influence the spine. Another key is supporting optimal neurological actions of the motor neurons which control muscle function. Consider that if the body is deficient in the nutrients required to stop muscles from uncontrollably contracting and stressing the structure of the lower back and spine, that no other therapy could possibly end the cycle of pain and injury associated with most back pain conditions. And since it is nearly impossible to achieve, through diet alone, the optimal levels of the minerals, electrolytes and other key nutrients required to support the needs of most physically active individuals, the only solution is proper supplementation. Daily supplementation with Baxaprin™ can not only provide relief from back pain quickly, they can prevent it from recurring.

Baxaprin™ may:

- Help maintain spinal stability and proper muscle tonus even under stressful situations
- Provide a natural pain reduction and muscle relaxing effect without causing loss of strength and performance or drowsiness
- Shorten muscle and soft-tissue recovery from sports injuries and trauma
- Reduce acute and chronic muscle spasm, including myofascial trigger points
- Increase pain tolerance in chronic pain syndromes

Supplement Facts

Serving Size 6 capsules
Servings Per Container 30

Amount Per Serving		% Daily Value
Calcium (as DimaCal® Di-Calcium Malate)	200 mg	20%
Magnesium (as Di-Magnesium Malate)	500 mg	125%
Potassium (as Potassium Glycinate Complex)	90 mg	3%
Vitamin D3 (as Cholecalciferol)	2000 IU	500%
Valerian Root (<i>Valeriana officinalis</i>)(root) [standardized to contain 0.8% valerenic acid]	200 mg	*
Passion Flower (<i>Passiflora incarnata</i>) [standardized to contain 3.5% flavonoids]	200 mg	*
Lemon Balm (<i>Melissa officinalis</i>) [standardized to contain 2.5% rosemarinic acid]	100 mg	*
Skullcap (<i>Scutellaria lateriflora</i>)	200 mg	*
Celery Seed Extract 13.3:1	250 mg	*

*Daily Value not established.

Other Ingredients: Microcrystalline cellulose, rice flour, magnesium stearate.

Uses for Baxaprin™:

- Acute Back Pain
- Acute Muscle Spasm & Pain
- Chronic Back Pain
- Chronic Muscle Spasm & Pain
- Loss of Flexibility
- Myofascial Pain Syndrome (Trigger Points)
- Neck Tension
- Sciatica Pain
- Sports Injuries
- Stress Headaches
- Stress Induced Muscle Tightness

What is in Baxaprin™?

Baxaprin™ contains quality standardized herbal extracts, such as valerian root (*Valeriana officinalis*), passion flower (*Passiflora incarnate*), lemon balm (*Melissa officinalis*), and skullcap (*Scutellaria laterifolia*), all safe nerve botanicals known for their relaxant properties.

Also included, is our proprietary celery seed extract CelerEase™. It naturally contains compounds which include, 1.5 – 3% volatile oils (including the terpenes limonene and b-selinene and thalides) and flavonoids (apigenin and apiiin). These compounds exhibit a wide array of properties including anti-inflammatory, antinociceptive (reducing sensitivity to painful stimuli), and diuretic.

Vitamin D has been added based on the demonstrated advantages of vitamin D therapy in helping to alleviate chronic muscle, bone and joint aches, and pains of various types.

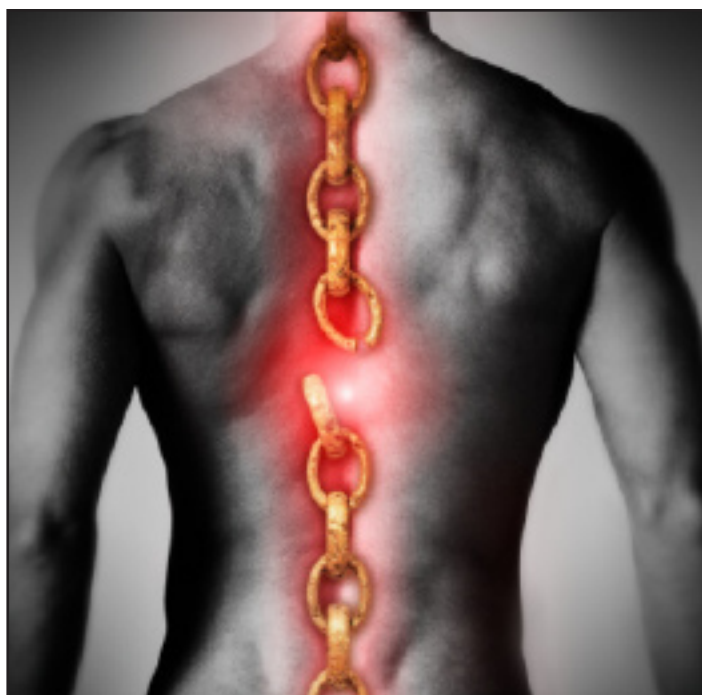
Baxaprin™ includes the fully chelated minerals and electrolytes di-magnesium malate and di-calcium malate. Also, potassium glycinate and potassium bicarbonate are added. All are involved in nerve transmission, muscular contraction and relaxation responses to provide further comprehensive support for back pain, muscle spasm and myofascial trigger points.

Recommended Use:

As a dietary supplement, take at meal time as detailed below, or as directed by your health care practitioner.

SEVERE	4 or more capsules, 3 times per day†
MODERATE	3 capsules, 2 times per day
MILD/MAINTENANCE	2 capsules, 2 times per day

†Highest dosing levels may cause laxation.



References

1. Hadley S, Petry JJ. Valerian. *Am Fam Physician* 2003;67:1755-1758.
2. Wagner H, Jurcic K. On the spasmolytic activity of valeriana extracts (author's transl). *Planta Med* 1979;37:84-86. [Article in German]
3. Monograph. Valeriana officinalis. *Altern Med Rev* 2004 Dec;9(4):438-41.
4. Dhawan K, Dhawan S, Sharma A. Passiflora: a review update. *J Ethnopharmacol* 2004 Sep;94(1):1-23.
5. Krenn L. [Passion flower (*Passiflora incarnate* L.)-a reliable herbal sedative. *Wien Med Wochenschr* 2002;152(15-16):404-6. [Article in German]
6. Kennedy DO, Little W, Scholey AB. Attenuation of laboratory-induced stress in human after acute administration of *Melissa officinalis* (Lemon Balm). *Psychosom Med* 2004 Jul-Aug;66(4):607-13.
7. Carlini EA. Plants and the central nervous system. *Pharmacol Biochem Behav* 2003 Jun;75(3):501-12.
8. Patora J, Klimek B. Flavonoids from lemon balm (*Melissa officinalis* L., Lamiaceae). *Acta Pol Pharm* 2002 Mar-Apr;59(2):139-43.
9. Awad R, Arnason JT, Trudeau V, et al. Phytochemical and biological analysis of skull cap (*Scutellaria lateriflora* L.): a medicinal plant with anxiolytic properties. *Phytomedicine* 2003 Nov;10(8):640-9.
10. Ramezani M, Nasri S, Yassa N. Antinociceptive and anti-inflammatory effects of isolated fractions from *Apium graveolens* seeds in mice. *Pharmaceutical Biology*. 2009 August;47(8):740-743.
11. Attygalle D, Rodrigo D. Magnesium as first line therapy in the management of tetanus: a prospective study in 40 patients. *Anaesthesia* 2002 Aug;57(8):811-7.
12. Rossier P, van Erven S, Wade DT. The effect of magnesium oral therapy on spasticity in a patient with multiple sclerosis. *Eur J Neurol* 2000 Nov;7(6):741-4.
13. Pizzorno JE, Murray MT. *Textbook of Natural Medicine* (2nd Ed.), Churchill Livingstone, New York, 1999.
14. Fetrow CW, Avila JR. *Complimentary & Alternative Medicines: Professional's Handbook*. Springhouse, Springhouse, PA, 1999.
15. Werbach MR, Murray, MT. *Botanical Influences on Illness: A sourcebook of clinical research*. Third Line Press, Tarzana, California, 1994.
16. Bascom A. *Incorporating Herbal Medicine Into Clinical Practice*. F.A. Davis Co., Philadelphia, 2002.
17. Cheallier A. *Encyclopedia of Herbal Medicine*. Dorling Kindersley, London, 2000.
18. Robbers JE, Speedie MK, Tyler VE. *Pharmacognosy and Pharmacobiotechnology*. Williams & Wilkins, Baltimore, 1996.
19. PDR for Nutritional Supplements, 1st Ed. Medical Economics/Thompson Healthcare, 2001.
20. PDR for Herbal Medicines 1st Ed Medical Econ./Thompson Healthcare, 1998.
21. Leavitt, S. B. Vitamin D for Chronic Pain. *Practical PAIN MANAGEMENT*, July/August 2008

To contact Designs for Health, please call us at (800) 847-8302, or visit us on the web at www.designsforhealth.com.