



T.R.I.-Adrenopan Stress Formula

D **DESCRIPTION:**

Controlled time released, high-potency pantothenic acid formula designed to assist the body in dealing with prolonged stress.

FORMULA:

Each capsule contains:

Pantothenic acid (as calcium pantothenate)	250	MG
Vitamin C (as ascorbic acid).....	100	MG
Vitamin B6 (as pyridoxine hydrochloride).....	25	MG
Whole adrenal complex.....	10	MG
Beef liver concentrate.....	18	MG

INDICATIONS:

T.R.I.-ADRENOPAN is useful as a nutritional adjunct in cases of stress related conditions such as:

1. Severe emotional stress
2. Allergy
3. Infection
4. Trauma of injury or surgery
5. Aching joints
6. Chronic pain

BACKGROUND:

When the body is under stress for a prolonged period of time, it enters a stage of resistance which results in the continued stimulation of the adrenal glands by ACTH (adrenocorticotrophic hormone, from the pituitary), causing accelerated release and synthesis of adrenal cortex hormones.¹ This resistance stage allows the body to continue fighting stress long after the initial alarm reaction has occurred.² The adrenal gland, when stimulated, also produces cortisol, a steroid hormone which is involved with the relief of pain and other symptoms in a variety of joint problems.³

It appears that pantothenic acid and vitamin C play a role in proper adrenal function and may assist in maintaining this function during extended periods of stress.⁴ In addition, increased amounts of these vitamins as well as liver concentrates suggest an improvement in the capacity of animals to withstand stress.^{4,5,6,7} Vitamin B₆ plays a role in the proper production and / or secretion of ACTH from the pituitary gland.⁸ Because pantothenic acid and vitamin C are water soluble and present in large amounts, these ingredients have been designed to release slowly for prolonged effect.

CONTRAINDICATIONS:

Persons who are pregnant or lactating should seek a doctors advice before taking any medications or supplements.

ADMINISTRATION AND DOSAGE:

- 1-2 capsules with breakfast
- 1-2 capsules with dinner

T.R.I.-Adrenopan Stress Formula

HOW SUPPLIED:

Off white and brown pellets in a clear capsule; 60 capsules per bottle.

BIBLIOGRAPHY:

1. H. Selye, **The Stress of Life**, McGraw Hill, New York, (1976).
2. G.J. Tortora and N.P. Anagnostakos, **Principles of Anatomy and Physiology**, Canfield Press, San Francisco (Dept. of Harper & Row, Publishers, Inc., New York), 1975., p. 331.
3. G.M. Grodsky, "Chemistry and Function of the Hormones: I. Thyroid, Pancreas, Adrenal and Gastrointestinal Tract", in **Review of Physiological Chemistry**, by H.A. Harper, V.W. Rodwell and P.A. Mayes, Lange Medical Publications, Los Altos, CA, 1979., p. 511.
4. E.P. Ralii and M.E. Dunn, "Relation of Pantothenic Acid to Adrenal Cortical Function", **Vitamins and Hormones**, 11:133 (1953)
5. M.E. Dunn and Ralii, E.P., **Metabolism**, 2:153 (1953).
6. L.P. Dugal and M. Therian, **Federation Proc.**, 11:38 (1953).
7. B. Ershoff, **Proc. Soc. Exptl. Biol. Med.** 77:488 (1951).
8. K. Guggenheim, "Studies on Water Metabolism of Pyridoxine and Pantothenic Acid Deficient Rats", **Endocrinology**, 55:156 (1954).