

# **Protex<sup>®</sup>** **H** **HEAT SHOCK PROTEIN ACCELERATOR!**

## ***How Protex H<sup>®</sup> works...***

Proteins are the body's building blocks for muscles and tissues and play an important role in practically every chemical reaction in the body. Heat Shock Proteins (HSPs) are the body's natural protective and recovery response to physical trauma and stresses known to damage protein molecules in muscle and tissue cells. Protex H<sup>®</sup> causes an increase in production of Heat Shock Proteins in direct response to physical trauma or stress. By increasing HSPs it prevents damage to tissue due to ischemia, (blood loss) and hypoxia, (reduction in blood supply to tissue and organs).

Timing is critical. Medical science has identified that the first hour following trauma, "The Golden Hour", is critical to ultimate survival and recovery. Although HSPs naturally enhance the body's tolerance to stress in cells by protecting and repairing cellular protein molecules damaged by trauma and physical stress, tests show that it usually takes the body 2 to 3 hours to elevate HSPs to adequate levels to respond to these stresses. Clinical data indicates that, when taken as directed, Protex H<sup>®</sup> raises HSP levels within 15 minutes of exposure to physical stress. HSPs then remain elevated and active for 3 days. Preconditioning with ProtexH<sup>®</sup> enables the body to accelerate the synthesis of HSPs within 15 minutes after the onset of physical trauma, thereby protecting cellular proteins much more rapidly than the body is able to do on its own. By accelerating HSPs response time with TEX-OE<sup>®</sup> the injured person's own body is able to protect protein in muscle and tissue cells, facilitating rapid repair and recovery of stressed or damaged tissue and cells.

Testing corroborates Protex H's benefits. TEX-OE<sup>®</sup> was the product of testing for a substance to enhance the physical recovery of commercial divers. These divers were selected because they suffer some of the most intense physical stresses of any profession. In these tests, Protex H<sup>®</sup> capsules containing TEX-OE<sup>®</sup> were shown to elevate shock proteins to a variety of stressors eight times faster than the body can. Additionally, in animal models developed in France, TEX-OE<sup>®</sup> was shown to dramatically reduce morbidity and mortality to temperature extremes and hypoxia. In the most dramatic experiments to date, guinea pigs were exposed to rapid decompressions similar to a scuba diving accident. Of nine guinea pigs studied (five were exposed to TEX-OE<sup>®</sup> and four were not) all guinea pigs experienced a severe diving accident. Of those not exposed to TEX-OE<sup>®</sup>, all died within six hours. The lucky ones, exposed to TEX-OE<sup>®</sup>, rapidly recovered and ultimately survived without neurological complications. These tests prove that Protex H<sup>®</sup> containing TEX-OE<sup>®</sup> heat shock protein factor derived from the prickly pear prevents tissue damage from hypoxia and ischemia.

For further information or to purchase Protex H please visit: [www.protexh.com](http://www.protexh.com)  
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