

Chapter Six : Dimethyl Sulfoxide (DMSO) – A Bountiful Gift From Nature.

DMSO, a simple by-product of paper making, was first synthesized in 1866. It can be derived from lignin, the cement substance of trees, and can also be synthesized from coal, petroleum or other organic substances. It has an amazing capacity for dissolving substances and has the unique capability of penetrating living tissue without causing any damage. It can easily pass through skin and mucous membranes and has the ability of carrying along with it other substances during its passage. This means that if penicillin or an anesthetic is dissolved in DMSO, they can be carried into all organs without the use of a needle. It has a marvelous drying effect that makes it very valuable in the treatment of burns. It was first used as a pharmacologic agent in 1962 and became popular as a chemical that relieved inflammation and pain in many conditions. It reduced swellings, hampered bacterial growth, softened scar tissue, improved blood supply, effectively relaxed muscles, was a mild diuretic and enhanced

the effectiveness of other medications. In addition it totally eliminates the pain caused by sprains, burns, arthritis and even those of broken bones. DMSO has great significance as a scavenger of the hydroxyl free radical. It has also proved effective in clearing gum diseases and tooth decay besides being a very good podiatric treatment. Perhaps the greatest triumph of DMSO is its positive applications in the treatment of cancer. DMSO has forty major therapeutic properties which act beneficially in the process of healing traumas to the body and the brain. It has opened up a new way to control practically every infection.