

HAGYARD

Equine Medical Institute

Mesotherapy

Mesotherapy is a new treatment for horses with soreness in the neck and/or back. It acts to simulate the mesoderm, the middle layer of the skin. This can relieve a wide variety of ailments. The principle is based on the theory of gait control of pain that originates from the dorsal horn of the spinal cord. Types I and II nerve fibers coming from the skin have collateral fibers that can inhibit the conduction of information from deep structures of the same spinal segment to the brain. The technique was developed in France in 1952 by Dr. M. Pistor. It is commonly used in human patients around the world. This technique was recently introduced to the equine world by a French veterinarian, Dr. Jean Marie Denoix.

The technique involves the injection of substances to stimulate the mesoderm for various biological purposes. Extremely small needles are used to penetrate the interdermal layer of the skin, typically 4 to 6 millimeters. The number of treatments depends on the condition and the duration of the condition. Usually one to three treatments are needed. Mesotherapy is effective for a multitude of conditions to stop the pain spasm cycle. A complete physical examination must be done prior to mesotherapy or any other type of therapy.

