

Virginia Equine PLLC

*Douglas K. Daniels, DVM, Heather D. Caplan, DVM,
Lindsay A. Neist, DVM*

(804)270-1327

(804)784-5419

Mesotherapy

The principal of mesotherapy is based on the "Gate Control Theory" of pain, which is also believed to be the method of action of acupuncture/acupressure. The therapy involves the stimulation of the mesoderm or middle layer of skin. Mesotherapy consists of shallow injections of medications into tissue of the neck or back to block pain. Today, it is commonly practiced in France, where practitioners utilize mesotherapy for the care of their human patients. This technique was introduced into the United States by a French veterinarian, Dr. Jean Marie Denoix.

Mesotherapy is a treatment that stimulates the mesoderm, the middle layer of the skin, which will, in turn relieve a wide variety of symptoms and ailments. The treatment is used to stimulate the Giant Fibers. The technique involves the injection of substances to stimulate the mesoderm for various purposes. The mesotherapy injections involve extremely small needles that penetrate the interdermal layer of the skin only to only a shallow depth. The number of treatments needed depends on many variables including the condition, the abnormal physiology causing the condition, as well as the chronicity of the problem. A minimum of one to two sessions of mesotherapy is performed generally to assess the horse's response. Mesotherapy is effective for a multitude of conditions because it helps reverse the physiology of that condition, and stop the pain spasm cycle.