

Case Study

PetJet™ Needle-Less Injection System

In 2006, Cleveland Equine Clinic (CEC) was formed from the merging of multiple practices from Northeast Ohio into a single clinic and ambulatory practice. Today, CEC provides high quality ambulatory, inpatient, emergency, medical, surgical, and diagnostic services to serve the equine industry. to the equine industry.

Cleveland Equine Clinic has been fortunate to be able to use the PetJet injection device to administer the Oncept vaccine to treat equine melanomas. This vaccine is best administered transdermally to achieve optimum immune response, and transdermal administration is difficult to achieve without the use of an injection device.

We have been able to use the PetJet repeatedly with the same ease of use, accuracy in dosing, and minimal agitation to patients. The PetJet has been an easy-to-use injector that allows us to administer the vaccine quickly and with minimal stress to the horse. The injection appears to have minimal discomfort without any bothersome sound emitted by the device at time of injection, which could require the use of sedation. The vaccine is easily drawn up into the injector using single-use plastic adaptors and allows for accurate dosing. The entire process is quick and only takes a couple minutes. As there are no needles, there is no risk for accidental self-injection.

Submitted By: Corey Paradine, DVM
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About the PetJet™ Needle-Less Injection System:

The PetJet™ Needle-less Injection System, which offers the capability to administer high-pressure jet injections, dispensing micro droplets of vaccine or medication evenly into the skin. The PetJet™ Device is “self-contained”; the pressure source, loading dosage, and injection apparatus. This technology is designed for up to 5,000 injections and removes the need to dispose of used needles. Thus, the PetJet™ System is both durable and cost effective.

About Source Center, Inc.:

Serving customers as a distributor of medical supplies, **Source Center, Inc.** is a family owned Private Corporation located in Mount Laurel, New Jersey.