

Datamars Slim Microchips Proven Reliable for Equine Identification with Stress-Free Implantation

Summary of:

Reduced-Sized Microchips For Identification Of Horses: Response To Implantation And Readability During A Six-Month Period by M. Wolf, M von Lewinski, J.E. Aurich, E. Moestl; Veterinary Record, 10.1136/vr.101824

This study analyzed the readability of “mini” microchips in horses and their response to implantation. Forty adult mares were implanted with Datamars Slim microchips. The microchips were then read with three different Datamars scanners immediately, and again at 6, 12 and 28 weeks after implantation. In addition, 12 of the 40 mares were evaluated for cortisol, heart rate and heart rate variability (HRV) during microchip implantation.

Results show that from the chip-bearing side of the neck, the microchips were identified within a maximum of 3 seconds with all scanners in all 40 horses. From the contra-lateral side, correct readings were obtained within a maximum of 6 seconds. Heart rate rose slightly during implantation, but cortisol concentration did not increase. The study concluded that Datamars Slim microchips are highly reliable for identification of horses. Compared with conventional microchips, the reduction in size did not impair readability and produced no measureable stress reaction during implantation

The USEF Passes Microchipping Rules at Annual Meeting

January 13 - 16, 2016

The Rule(s): EQ103.2, HU101.2, JP100.2

The Verdict: PASSED

The Shorthand: The microchip or horse ID rules

The Summary: “...all horses that require USHJA horse registration must provide a microchip number that verified their animal’s identity in order to complete for points, money won or eligible for Federation and/or USHJA programs and awards where horses are required to be records or registered.” In short: if you want to compete in USHJA shows, you better microchip your horse.

The Effective Date: Officially Dec. 1, 2017, though there will be a one-year grace period through Nov. 30, 2018. During that time, horses without chips can still compete at USHJA shows, but they won’t receive points or year-end awards. 3.2 A microchip used to verify identity must be a fifteen digit ISO compliant 11784/11785 chip and be implanted in the nuchal ligament of the animal.



Contact us at

1-877-PETLINK (738-5465)

or email us at

ussales@datamars.com

www.datamars.com

ussales@datamars.com

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