Asto CT Introduces Soft-Tissue Reconstruction to its Equina™ Standing CT Scanner

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Asto CT, Inc. (Madison, WI), developers of the Equina™, the world's first dual-axis computer tomography (CT) scanner for imaging of mildly-sedated standing equine patients, is proud to announce the release of its latest version 3 software with all new reconstruction algorithms for enhanced bone and soft-tissue imaging.

The Equina™ system has been specifically designed to overcome the operational challenges of conventional CT scanning of the distal limbs (carpus and tarsus down), and the head and neck of horses. "The Equina™ standing CT scanner is a unique and ideal tool for early detection and monitoring of a wide range of injuries in equine patients. The latest version of software will allow users to diagnose bone and soft-tissue injuries clearly and quickly" said Dr. David Ergun, CEO of Asto CT.

"The new soft-tissue processing will improve visualization of soft-tissue structures for instance cysts and neoplastic diseases" said Dr. Sabrina Brounts, Large Animal Surgeon. "In addition, it will enhance the ability to visualize contrast in structures such as vasculature and synovial structures."

The new version 3 software was immediately put to the test at the University of Wisconsin-Madison (UW) Morrie Waud Large Animal Hospital. A 14-year-old Quarter Horse, presenting with a forelimb lameness, was imaged and subsequently diagnosed with distal DDFT tendinopathy of the left front limb. With the new soft-tissue software, radiologists were able to clearly visualize abnormalities such as enlargement and disruption of the tendon. It was also an excellent example of the advantages of being able to scan and compare both the left and right distal limbs at the same time.

This latest software development demonstrates Asto CT's commitment to help equine veterinarians obtain important diagnostic data with minimal risk to the patients," Ergun added.

Asto CT will be participating in the American Association of Equine Practitioners (AAEP) virtual meeting later this year where attendees will be able to learn more about the Equina and ask questions about the new software during the virtual meeting.

About Asto CT, Inc.

Asto CT is the producer of Equina™, a first-in-class standing CT system for equine patients offering unparalleled diagnostic quality imaging to the equine community. The Equina™ system was designed by and for veterinary use offering simple patient positioning, fast imaging acquisition and rugged system design to withstand the rigors of veterinary practice. More information can be found on the company's website http://www.astoct.com.

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