

## The DUOLITH® VET – on the road from Kentucky to New England in an Audi TT

Rochester Equine was among the first private equine practices to incorporate shock wave therapy into their sports medicine department. Very early it was clear that shock wave would revolutionise how certain lameness conditions were treated and improve the outcome of difficult injuries like proximal suspensory desmitis.

In 2005, I continued with the equine sports injury programme and the use of shock wave

impar ligament desmitis. Previously, such injuries would not have been diagnosed through conventional techniques, perhaps suspected but not confirmed through imaging.

With an increase in cases with well-defined deep seated injuries it seemed necessary to acquire a higher energy focused shock wave device to adequately treat these lesions. So New England Equine purchased a DUOLITH®



DUOLITH® VET on the road in an Audi TT

therapy at Rochester at New England Equine Medical and Surgical Center in Dover, New Hampshire. Up until last year we were using a radial shock wave device alone. But with the addition of advanced imaging techniques such as MRI and CT we were able to identify and diagnose a great many more deep seated lesions such as lesions within the distal deep digital flexor tendon and



Mobile application with the DUOLITH® VET

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### \* PORTRAIT Trish Quirion-Henrion



Dr Trish Henrion, Equine Sports Injury Therapist, splits her time between working for New England Equine Medical and Surgical Center in New Hampshire and a group of equine practitioners in Kentucky. She has been using shock wave therapy since late 1999 while working for Rochester Equine Clinic.

### \* KEYNOTES

- DUOLITH® VET is a safe and highly effective shock wave treatment for a variety of lameness conditions in the horse.
- With the high energy and deep penetration of the DUOLITH® VET, lesions deep within the foot and even into the sacroiliac region can be reached.
- DUOLITH® VET is quieter and better tolerated than other high energy devices on the market!

years has a good deal to do with careful case selection based on good solid diagnostic work. For me, shock wave therapy is a safe and highly effective treatment for a variety of lameness conditions in the horse.

## Case: a 13 year old Appendix Quarter Horse Gelding

### Diagnosis

Left front severe deep digital flexor tendonitis at the level of the pastern. Ultrasonographic examination revealed a lesion of more than 35% of the total area of the tendon affected. The horse showed a grade 3+ (out of max. 5) lameness.



Tendon treatment with F-SW handpiece

### Treatment

5 treatments using the DUOLITH® VET at two week intervals with controlled exercise and limited small paddock turnout.

### Results

After three treatments the horse had improved clinically to a 1 (out of max. 5) lameness and ultrasonographically the tendon had improved by 30 to 40%. After 5 treatments the horse was sound on soft footing and ultrasonographically had improved by more than 50%. To date, 9 months out the horse is sound and in light to moderate exercise under saddle and ultrasonographically improved to near normal density. The fibre

pattern is still abnormal but significantly improved. What's more is that the DUOLITH® VET not only offers both lower energy radial and high energy focused shock wave in one device, it is quieter and better tolerated than other high energy devices on the market and the whole system is portable enough to ride comfortably in the trunk of an Audi TT, servicing referring veterinarians throughout New England and in Kentucky.

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