

Muscle Biopsy Procedure

Richard J. Piercy MA VetMB MS PhD Dip.ACVIM MRCVS

Comparative Neuromuscular Diseases Laboratory
Royal Veterinary College
Royal College Street
London NW1 0TU

Email: neuromuscular@rvc.ac.uk

Please contact the laboratory ~~W E R R N \ R Ø U D P S Ø H L Ø P D a s~~ **We can only accept pre-booked samples. Samples must be pre-booked** at least ~~K R X U V~~ before **submitting, however we cannot guarantee to have spaces available within th short time frame. If this is the case we will offer alternative dates for submission.**

Indications / possible
diagnoses

Exertional myopathies (RER/EPSPM etc)

Materials re quired

Muscle Biopsy Method

1. Contact the laboratory `WR SUH ERRN \RXU VDPSOHV DW OHDV`
Organise same day or overnight courier service prior to sampling.
2. For horses with exertional myopathies the semimembranosus is generally chosen; for equine motor neuron disease, biopsy the sacrocaudalis dorsalis (craniolateral to tail head). For other disorders, choose the site based on the most obviously affected muscle or biopsy several regions.
3. Sedate horse and prepare skin for sterile surgery.
4. A Bergstrom biopsy needle is suitable, but reliable (and usually better) results are obtained with open biopsy.
5. Inject subcutaneously up to 10 ml of local anaesthetic, taking care to avoid direct injection into the muscle layer.
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