

B&W Equine Hospital

Equine Sports Medicine, Performance Evaluation & Rehabilitation

July 2026



» **Specialist-led service** *DipACVSMR expertise in sports medicine & rehabilitation*

» **Atrial Fibrillation & TECV** *Advanced cardioversion for performance horses*

» **Lameness Investigations** *Combining clinical expertise with Equinosis® Q gait analysis*

» **In-House Laboratory** *Same day diagnostics to support performance work-ups*

» **Advanced Back & Neck Diagnostics** *Imaging options including ultrasound, scintigraphy & CT*

Specialist-led service: ACVSMR expertise, Nadine Ogden

We are proud to have Nadine Ogden, a Diplomate of the American College of Veterinary Sports Medicine and Rehabilitation (DipACVSMR) within our team, a rare qualification in UK equine practice.

Our service supports a truly joined-up approach to musculoskeletal problems, with close on-site collaboration between surgeons, medicine specialists and our sports medicine to optimise diagnosis, treatment and return-to-performance outcomes.

A DipACVSMR brings advanced training in:

- Equine sports medicine and performance physiology
- Complex lameness and gait evaluation
- Rehabilitation science and return to work planning
- Exercise testing and performance limiting medical disease
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This internationally recognised specialist status elevates our approach to diagnosing poor performance, ensuring horses at all levels, from leisure athletes to elite competitors, receive evidence based, highly targeted care.

Nadine is always happy to discuss cases: Nadine.ogden@bwequinevets.co.uk or phone 07493 1776000.



01453 811867

[referrals@
bwequinevets.co.uk](mailto:referrals@bwequinevets.co.uk)

Atrial Fibrillation & TECV



Atrial fibrillation (AF) continues to present regularly within our performance horse referrals. While quinidine remains appropriate in selected cases, it can have undesirable side effects, Transvenous Electrical Cardioversion (TECV) offers predictable, high-success cardioversion for horses requiring reliable return to athletic function.

TECV provides:

- High first attempt conversion rates (94–98%)
- A minimally invasive treatment option
- Faster and safer return to full work compared to medical therapy in selected cases
- A solution when quinidine is unsuitable or unsuccessful

Given its specialised equipment requirements and the need for experienced personnel, TECV is not routinely available in most UK equine hospitals. We are very fortunate to have multiple vets that are able to perform TECV.

For referring cases involving atrial fibrillation, murmurs or other arrhythmias, or for questions around case selection for TECV, our Medicine Team is always very happy to discuss horses in advance and advise on the most appropriate route forward. Sarah Smith (sarah.smith@bwequinevets.co.uk or 07733 882846) and Imogen Comyn have a particular interest in cardiology and were closely involved in developing this service.

Price (July 2026)

Cardiac ultrasound (echocardiogram): £650 (inc VAT)

Atrial fibrillation conversion (TECV): £3675

Lameness Investigations & Equinosis® Q Objective Gait Analysis

Our orthopaedic team are all experienced in diagnostic lameness investigations and always begin every case with a traditional, thorough lameness evaluation, including history, palpation, dynamic in hand/lunge, and if indicated ridden assessment. The clinical eye remains central to our work ups and to interpreting how a horse moves. When objective measurements will add clarity, we integrate Equinosis® Q into the evaluation.

This system offers:

- Tri-axial sensors placed at the poll, pelvis, and forelimb
- High-frequency data capture
- Measurement of head and pelvic asymmetry with validated thresholds
- Sensitivity to subtle multi-limb patterns
- Direct integration with in-hand, lunge, and ridden assessment



For difficult cases you've watched repeatedly but still feel "something isn't quite right," objective gait analysis can provide additional insight. Equinosis® uses body mounted inertial sensors that sample movement 10 times faster than the human eye and detect asymmetry that may not be appreciable subjectively.

Equinosis® helps us quantify very small asymmetries and track how they change during diagnostics. The output also provides clear visual graphs that can be helpful when discussing findings with owners, especially when demonstrating the effect of diagnostic blocks or therapeutic interventions. This combination of experienced clinical assessment supported by high quality objective data helps us localise issues efficiently and communicate our reasoning clearly.

While video-based gait analysis tools (like Sleip®) can be helpful for screening and monitoring movement over time, Equinosis® Q offers integrates directly into a full referral lameness work-up, where its validated asymmetry measurements are particularly valuable.

In House laboratory: Immediate diagnostic support



Our on-site laboratory provides same-day blood results, which greatly enhances the efficiency of poor-performance investigations. This includes:

- Pre and post exercise muscle enzyme testing (CK, AST)
- Complete haematology and biochemistry, and electrolytes

Immediate lab results enable rapid interpretation and decision making, particularly for horses undergoing exercise testing and muscle assessments.

For urgent out of hours cases, our overnight team can also process emergency bloods for referring vets; please contact the emergency mobile on 07471 904378 to arrange testing.

Advanced back and cervical spine diagnostics at B&W

We can assist with complex back pain cases, as well as cervical spine investigations for horses with suspected neck pain. While many cases of ORDSP ("kissing spines") can be recognised in the field, some axial pain requires more advanced imaging to localise and characterise.

We are happy to accept imaging-only referrals for all imaging modalities (radiography, ultrasound, scintigraphy, and CT). For imaging-only referrals, cases are imaged and then returned to you for ongoing management. An imaging report with interpretation and treatment recommendations is provided in all cases.



Scintigraphy

We offer whole body or targeted scintigraphy to identify regions of active bone turnover, which can be particularly useful in poorly localised axial pain or multi site musculoskeletal cases.

Pelvic and cervical CT

Cross sectional CT imaging of the cervical spine, sacroiliac region and caudal lumbar spine is available under general anaesthesia. Cervical CT supports detailed investigation of suspected neck pain, while pelvic and caudal lumbar CT can help assess deeper or poorly defined back and pelvic pathology.

High power radiography of vertebral bodies

Our gantry mounted high output X ray unit enables radiographic assessment of the vertebral bodies, including the caudal thoracic spine. This allows us to diagnose ventral spondylosis, an area where standard portable radiography rarely produces diagnostic quality images.

High resolution back ultrasound (Logiq Fortis)

Our Logiq Fortis ultrasound system, fondly known within the team as "Queen Victoria" for its consistently regal image quality, provides exceptional resolution and depth for axial skeleton imaging. This allows unusually clear visualisation of the articular process joints, supporting confident diagnosis of articular process joint osteoarthritis and associated soft tissue changes.

Package pricing (July 2026)

We offer a combined imaging package for:

Back or neck radiographs and ultrasound: £500 (not including sedation)
Standard price: £617.50

Our Specialist Hospital Team



Nadine Ogden

BVSc CertAVP(EL) MScVPS FHEA DipACVSMR MRCVS

American & RCVS Specialist in Equine Sports Medicine and Rehabilitation

Sports Medicine/Orthopaedic Team

nadine.ogden@bwequinevets.co.uk

Tel: 07584 522603



Sarah Smith

MA VetMB MVetMed DACVIM MRCVS

American & RCVS Specialist in Equine Medicine

Medicine Team

sarah.smith@bwequinevets.co.uk

Tel: 07733 882 846



Richard (Dicky) Hepburn

BVSc MS CertEM(IntMed) DipACVIM(LA) FRCVS

ABVS & RCVS Recognised Specialist in Equine Internal Medicine

Medicine Team

richard.hepburn@bwequinevets.co.uk

Tel: 07717 802 181



Imogen Johns

BVSc DipACVIM FHEA FRCVS

ACVIM & RCVS Recognised Specialist in Equine Medicine

Medicine Team

imogen.johns@bwequinevets.co.uk

Tel: 07927 943 288



Imogen Comyn

BVMS MRCVS

ECEIM Residency Trained

Medicine Team

imogen.comyn@bwequinevets.co.uk

Tel: 01453 512089



Becky Jones

BVSc CertVR DVDI MRCVS

RCVS Recognised Specialist in Veterinary Diagnostic Imaging

Imaging/Orthopaedic Team

becky.jones@bwequinevets.co.uk

Tel: 07825 507 399



Jo Suthers

BVM&S MPhil CertES(Soft Tissue) DipECVS MRCVS

European & RCVS Specialist in Equine Surgery

Surgery/Orthopaedic Team

jo.suthers@bwequinevets.co.uk

Tel: 07887 590 908



Therese de Souza

MA VetMB DipECVS MRCVS

European Specialist in Equine Surgery

Surgery/Orthopaedic Team

therese.desouza@bwequinevets.co.uk

Tel: 07870 408 799



Henry Tremaine

BVetMed MPhil CertES(Soft Tissue) DipECVS DipEVDC FHEA FRCVS

European & RCVS Specialist in Equine Surgery (Soft Tissue) & Veterinary Dentistry (Equine)

Dentistry/Surgery Team

henry.tremaine@bwequinevets.co.uk

Tel: 07393 769 730



Dr Veronica Roberts

MA(Oxon) MA VetMB (Cantab) PhD PGCert(HE) DipECEIM FRCVS

European & RCVS Specialist in Equine Internal Medicine

Consultant/Headshakers

referrals@bwequinevets.co.uk

Tel: 01453 512089

Contact us

Please get in touch if you would like to discuss a case with one of the Specialists.

01453 811867

[referrals@
bwequinevets.co.uk](mailto:referrals@bwequinevets.co.uk)

B&W Equine Hospital,
Breadstone, Glos GL13 9HG



b&w
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