

Dyson S and Murray R.	Magnetic resonance imaging of the equine foot. <i>Clinical Techniques in Equine Practice</i> (2007) 6 (1) 46-61.
Dyson S and Murray R.	Magnetic resonance imaging of the equine fetlock. <i>Clinical Techniques in Equine Practice</i> (2007) 6 (1) 62-77.
Murray R and Dyson S.	Image interpretation and artifacts. <i>Clinical Techniques in Equine Practice</i> (2007) 6 (1) 16-25.
Murray R, Dyson S, Branch M and Schramme M.	Validation of magnetic resonance imaging use in equine limbs. <i>Clinical Techniques in Equine Practice</i> (2007) 6 (1) 26-36.
Branch M, Murray R, Dyson S and Goodship A.	Magnetic resonance imaging of the equine tarsus. <i>Clinical Techniques in Equine Pract</i> (2007) 6: 96-102.
Down S, Dyson S and Murray R.	Ossification of the cartilages of the foot. <i>Equine vet Educ</i> (2007) 19 (1) 51-56.
Branch M, Murray R, Dyson S and Goodship A.	Alteration of distal tarsal subchondral bone thickness pattern in horses with tarsal pain. <i>Equine vet J</i> (2007) 39 (2) 101-105.
Branch M, Murray R, Dyson S, Parkin T and Goodship A.	How does exercise intensity and type affect equine distal tarsal subchondral bone thickness? <i>J Appl Physiol</i> (2007) 102: 2194-2200.
Branch M, Murray R, Dyson S and Goodship A.	Can age-related adaptive change predispose in the osteochondral unit to osteoarthritis? <i>Osteoarthritis &amp; Cartilage</i> . Submitted
Nagy A, Dyson S and Murray R.	Scintigraphic examination of the cartilages of the foot. <i>Equine vet J</i> (2007) 39 (3) 250-256.
Dyson S, McNie K, Weekes J and Murray R.	Scintigraphic evaluation of the stifle in normal horses and horses with forelimb lameness. <i>Vet Radiol &amp; Ultrasound</i> (2007) 48 (4) 378-382.
Dyson S and Murray R.	Verification of scintigraphic imaging for injury diagnosis in 264 horses with foot pain. <i>Equine vet J</i> (2007) 39 (4) 350-355.
Dyson S and Murray R.	Use of concurrent scintigraphic and magnetic resonance imaging evaluation to improve understanding of the pathogenesis of injury of the podotrochlear apparatus. <i>Equine vet J</i> (2007) 39 (4) 365-

- Dyson S and Murray R. Magnetic resonance imaging evaluation of 264 horses with foot pain: the podotrochlear apparatus, deep digital flexor tendon and collateral ligaments of the distal interphalangeal joint. *Equine vet J* (2007) 39 (4) 340-343.
- Bailey R, Dyson S and Parkin T. Focal increased radiopharmaceutical uptake in the dorsoproximal diaphyseal region of the equine proximal phalanx. *Vet Radiol & Ultrasound* (2007) 460-466.
- Dyson S. Diagnosis and management of common suspensory lesions in the forelimbs and hindlimbs of sports horses. *Clinical Techniques in Equine Pract* (2007) 179-188.
- Dyson S and Murray R. Lameness and diagnostic imaging in the sports horse: Recent advances related to the digit. *Proc Amer Assoc Equine Pract* (2007) 53: 262-275.
- Nagy A and Dyson S. A scintigrafias vizsgalat szerepe a lovak mozgasszervi eredetu bantalmainak diagnosztizálásában. Resz 1 (Role of scintigraphy in diagnosing orthopaedic injuries in horses. Part 1 Hungarian) *Vet J* (2007) 129: 140-146.
- Nagy A and Dyson S. A scintigrafias vizsgalat szerepe a lovak mozgasszervi eredetu bantalmainak diagnosztizálásában. Resz 2 (Role of scintigraphy in diagnosing orthopaedic injuries in horses. Part 2 Hungarian) *Vet J* (2007) 129: 195-207.
- Nagy A, Dyson S and Murray R. Radiographic, scintigraphic and magnetic resonance imaging findings in the palmar processes of the distal phalanx. *Equine vet J* (2008) 40 (1) 57-63.
- Robson K, Kristoffersen M and Dyson S. Palmar or plantar process fractures of the distal phalanx in riding horses: 22 cases (1994 – 2003). *Equine vet Educ* (2008) 20 (1) 40-46.
- Dyson S, Murray R, Blunden A and Schramme M. Aktuelle Erkenntnisse bezüglich der hufrollenerkrankung – eine Übersicht. *Pferde Spiegel* 2007; 82-86.
- Dyson S, Murray R, Blunden T, Branch M, Tranquille C, Parkin T and Goodship A. Evaluation of age-related changes in the structure of the equine tarsometatarsal osteochondral unit. (2009) *AJVR*, 70 (1) 30-36.

- Dyson S, Murray R, Blunden T and Schramme M. Aktuelle erkenntnisse bezüglich der hufrollenerkrankung – eine übersicht – Teil 2 Pferde Spiegel (2007) 3: 124-129.
- Owen R, Dyson S, Kristoffersen M, Mair T and Singer E. Retrospective study of palmar/plantar annular ligament desmopathy in 71 horses: 2001-2006. Equine vet J (2008) 40 (3) 237-244.
- Dyson S. Superficial digital flexor tendon injuries in teenage and older horses. Equine vet Educ (2007) 19 (4) 187-188.
- Dyson S, Blunden T and Murray R. The collateral ligaments of the distal interphalangeal joint: magnetic resonance imaging and post mortem observations in 25 lame horses and 12 control horses. Equine vet J (2008) 40 (6) 538-544.
- Smith M, Dyson S and Murray R. Is a magic angle effect observed in the collateral ligaments of the distal interphalangeal joint or the oblique sesamoidean ligaments during standing magnetic resonance imaging? Vet Radiol & Ultrasound (2008) 49: 509-515.
- Smith S, Dyson S and Murray R. Magnetic resonance imaging of distal sesamoidean ligament injury. Vet Radiol & Ultrasound (2008) 49: 516-528.
- Dyson S. Radiological interpretation of the navicular bone. Equine vet Educ (2008) 20 (5) 268-280.
- Tranquille C, Parkin T, Blunden A, Dyson S, Goodship A and Murray R. Histopathological features of the equine distal tarsal joint cartilage and subchondral bone in ridden and pasture exercised horses. Amer J Vet Res 2009. Accepted

- Tranquille C, Blunden A, Dyson S, Parkin T and Murray R. Effect of exercise on thickness of mature hyaline cartilage, calcified cartilage and subchondral bone thickness of equine tarsi. *Amer J Vet Res* (2009) 70 (12) 1477-1483.
- Barnett K, Blunden T, Murray R and Dyson S. Blindness, optic atrophy and sinusitis in the horse. *Vet Ophthalmology* (2008) 11; Suppl 1: 20 – 26.
- Dyson S. Clinical features of pain associated with the sacroiliac joint region. *Pratique Veterinaire Equine* 40: 123-128, 2008.
- Girodroux M, Dyson S and Murray R. Osteoarthritis of the thoracolumbar synovial intervertebral articulations: clinical and radiographic features in 77 horses with poor performance. *Equine vet J* (2009) 41 (2) 130-138.
- Blunden T, Dyson S and Murray R. Lesions of the deep digital flexor tendon in the digit: A correlative MRI and post mortem study in control and lame horses. *Equine vet J* (2009) 41 (1) 25-33.
- Beck S, Blunden T, Dyson S and Murray R. Are matrix and vascular changes involved in the pathogenesis of deep digital flexor tendon injury in the horse? A pilot study. *J Comp Path.* Submitted
- Nagy A, Bodo G, Dyson S, Szabo F and Barr A. Diffusion of contrast medium after perineural injection of the palmar nerves: An in vivo and in vitro study. *Equine vet J* (2009) 41 (4) 379-383.
- Dyson S. A clinician's eye view of hindlimb lameness in the horse: Technology and cognitive evaluation. *Equine vet J* (2009) 41 (2) 99-100.
- Gillen A, Dyson S and Murray R. Nuclear scintigraphic assessment of the thoracolumbar synovial intervertebral articulations. *Equine vet J* (2009) 41 (6) 534-540.
- Biggi M, Dyson S and Murray R. Scintigraphic assessment of the metacarpophalangeal and metatarsophalangeal joints of horses with joint pain. *Vet Radiol & Ultrasound* (2009) 50: 536-544.
- Meehan L, Dyson S and Murray R. Radiographic and scintigraphic evaluation of spondylosis in the equine thoracolumbar spine: A retrospective study. *Equine vet J* (2009) 41 (8) 800-807.
- Dyson S. Lesions of the proximal aspect of the humerus and the tendon of biceps brachii. *Equine vet Educ* (2009) 21 (2) 67-70.

Dakin S, Dyson S, Murray R and Tranquille C. Osseous abnormalities associated with collateral desmopathy of the distal interphalangeal joint : Part I Equine vet J (2009) 41 (8) 786-793.

Dakin S, Dyson S, Murray R and Newton R. Osseous abnormalities associated with collateral desmopathy of the distal interphalangeal joint : Part 2: Treatment and outcome Equine vet J (2009) 41 (8) 794-799.

Nagy A and Dyson S. Magnetic resonance findings in the carpus and proximal metacarpal region of non-lame horses. Proc Amer Assoc Equine Pract (2009) 55: 408-417.

Nagy A and Dyson S. Magnetic resonance anatomy of the proximal metacarpal region of the horse described from images acquired from low and high-field magnets. Vet Radiol & Ultrasound (2009) 50: 595-605.

Murray R, Walters J, Snart H, Dyson S and Parkin T. Identification of risk factors for lameness in dressage horses. The Vet J. In press, 2009.

Dyson S. Radiological interpretation of the navicular bone. Equine vet Educ. In press, 2009.

Dyson S. Non-septic osteitis of the distal phalanx and its palmar processes. Equine vet Educ. In press, 2009.

Dyson S, Murray R, Blunden T and Schramme M. Current concepts of navicular disease. Equine vet Educ. In press, 2009.

Dyson S, Pool R, Blunden T and Murray R. The distal sesamoidean impar ligament: comparison between magnetic resonance imaging and histology of the axial one-third of the ligament. Equine vet J. In press 2009.

Dyson S. Injuries of the accessory ligament of the deep digital flexor tendon in equine hindlimbs: a problem of middle age. The vet J. In press, 2009.

Nagy A, Bodo G, Dyson S, Compostella F and Barr A. Diffusion of contrast medium after perineural injection of the palmar and palmar metacarpal nerves (low 4-point nerve block): an in vivo and in vitro study. Equine vet J. Accepted, 2009.

Fairburn A, Dyson S and Murray R. Osseous spurs on the dorsoproximal aspect of the third metatarsal bone. Equine vet J. Accepted, 2009.

- Dyson S, Brown V, Collins S and Murray R. Is there an association between ossification of the cartilages of the foot and collateral desmopathy of the distal interphalangeal joint or distal phalanx injury? *Equine vet J.* In press, 2009.
- Nagy A, Dyson S and Barr A. Ultrasonographic findings in the lumbosacral joint of 43 horses with no clinical signs indicative of back pain or hindlimb lameness. *Vet Radiol & Ultrasound.* Submitted, 2009.
- Murray R, Walters J, Snart S, Dyson S and Parkin T. How do features of dressage arenas influence training surface properties which are potentially associated with lameness? *The Vet J.* Submitted, 2009.
- Biggi M and Dyson S. High-field magnetic resonance imaging investigation of distal border fragments of the navicular bone in horses with foot pain. *Equine vet J.* Submitted, 2009.
- Biggi M and Dyson S. Distal border fragments and shape of the navicular bone: evaluation using conventional and computed radiography. *Equine vet J.* Submitted, 2009.
- Biggi M and Dyson S. Comparison between radiological and magnetic resonance imaging lesions in the distal border of the navicular bone with particular reference to distal border fragments and osseous cyst-like lesions. *Equine vet J.* Submitted, 2009.
- Simon V and Dyson S. Radiological anatomical variations and abnormalities of the carpus of horses with lameness related to the carpus and control horses. *Vet Radiol & Ultrasound.* Submitted, 2009.
- Walters J, Parkin T, Snart H and Murray R. Current management and training practices for UK dressage horses *Comparative Exercise Physiology* (2008) 5 (2) 73-83.
- Murray R, Branch M, Tranquille C and Woods S. Validation of magnetic resonance imaging for measurement of equine articular cartilage and subchondral bone thickness. *Am J Vet Res* 66 (11) 1999-2005.
- Down S and Henson F. Radiographic retrospective study of the caudal cervical articular process joints in the horse. *Equine vet J* (2009) 41 (6) 518-524.
- Down S, Hughes I and Henson F. Cutaneous habronemiasis in a 9-year old Arab gelding in the United Kingdom. *Equine vet J* (2009) 21 (1) 4-8.

- Murray R. The equine carpus. *Clinical Techniques in Equine Practice*. 20: 390-406.
- Gupte C, Bull A, Murray R and Amis A. Comparative anatomy of the meniscofemoral ligament in humans and some domestic mammals. *Anatomy, Histology and Embryology* 36, 47-52 (2007).
- Duer M, Jager C, Maltsev S and Murray R. A solid-state NMR comparison of the mineral structure in bone from diseased joints in the horse. *Journal of material science. J Mater Sci* (2007) 42; 8804-8810.
- Wise E, Maltsev S, Davies M, Duer M, Loveridge M, Murray R and Reid D. The mineral-organic interface in bone is lined by polysaccharide. *Chem Mat* 19 (2007) 5055-5057.
- Reid D, Duer M, Murray R and Wise E. The organic-mineral interface in teeth is like that in bone and dominated by polysaccharides: universal mediators of calcium phosphate biomineralization in vertebrates? *Chem Mat*(2008) 20; 3549 – 3550.
- Maulet B, Bestbier M, Jose-Cunilleras E, Scrine J and Murray R. Magnetic resonance imaging of a cholesterol granuloma and hydrocephalus in a horse. *Equine vet Educ* (2008) 20 74-79.
- Murray R, Mair T and Blunden A. Magnetic resonance imaging of equine cadaver limbs: pilot comparison of high field with low field, standing images. *Vet Radiol & Ultrasound*. Accepted.
- Duer J, Tomislav F, Murray R, Reid D and Wise E. The mineral phase of calcified cartilage: its molecular structure and interface with the organic matrix. *Biophysical Journal* (2009) 96; 3372-3378.