



Denoix
Prof. Jean- Marie Denoix



ALAPILE
LATINOAMÉRICA

Módulo 1 Miembro Distal

BIO REXTM



Teoría, ciencia, y herramientas prácticas que transforman la forma de entender al caballo.



URUGUAY
Facultad de Veterinaria



18 & 19
Sept. 2025



Inscripción
Temprana 16/08 - 395 usd
Hasta el 08/09 - 445 usd

con tarjetas de crédito, hasta 3 cuotas sin recargo

+Info alapileuruguay@gmail.com
Whatsapp +598 99 575 124

Sponsor:



LA CABALLADA
CLÍNICA EQUINA



Apoya:



DUFOUR FORGE



LA UNIÓN
PARA EL DEJO



ciencia que protege



Módulo 1

Miembro Distal

BIO REX™

Lesiones del miembro distal (casco, cuartilla y menudillo)
+ Herraaje Cinesiterápico

Filosofía:

Brindar las claves biomecánicas para: lograr el diagnóstico de claudicaciones y poder establecer recuperación, reduciendo la necesidad de medicación.

Objetivo:

Comprender la biomecánica de las lesiones y aprender cómo disminuir el estrés sobre las estructuras lesionadas para mejorar las manifestaciones clínicas, facilitar la recuperación y mantener al caballo en ejercicio.

Cronograma:

DÍA 1

08:00 ACREDITACIONES

8:30 BioRex del síndrome podotroclear ("navicular")

10:30 *Coffee break (45 min)*

11:15 BioRex de desmopatías colaterales de la articulación interfalángica distal (DIPJ)
Ángulo palmar: análisis crítico

12:15 Fractura de la tercera falange (PIII)

13:15 *Almuerzo (90 min)*

14:45 BioRex de artropatía de la DIPJ

15:45 BioRex de artropatía de la articulación interfalángica proximal (PIPJ)

16:45 *Coffee break (30 min)*

17:15 El caballo descalzo

18:45 BioRex de tenosinovitis de la vaina digital

19:15 Casos y discusión

19:30 *FIN*

DÍA 2

08:30 BioRex de lesiones del menudillo: cóndilo del Mc3

10:30 *Coffee break (45 min)*

11:15 BioRex de fracturas por fatiga sagital del primera falange (ProxPI): miembro torácico

12:00 *Almuerzo (90min)*

13:30 BioRex de artropatía de la PIPJ: miembro pélvico
Subluxación de la PIPJ

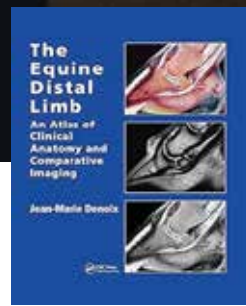
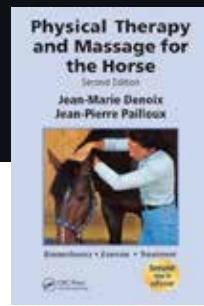
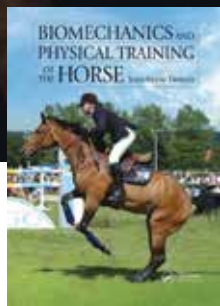
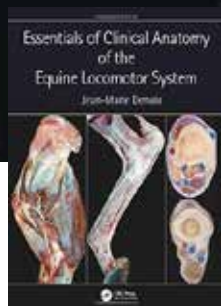
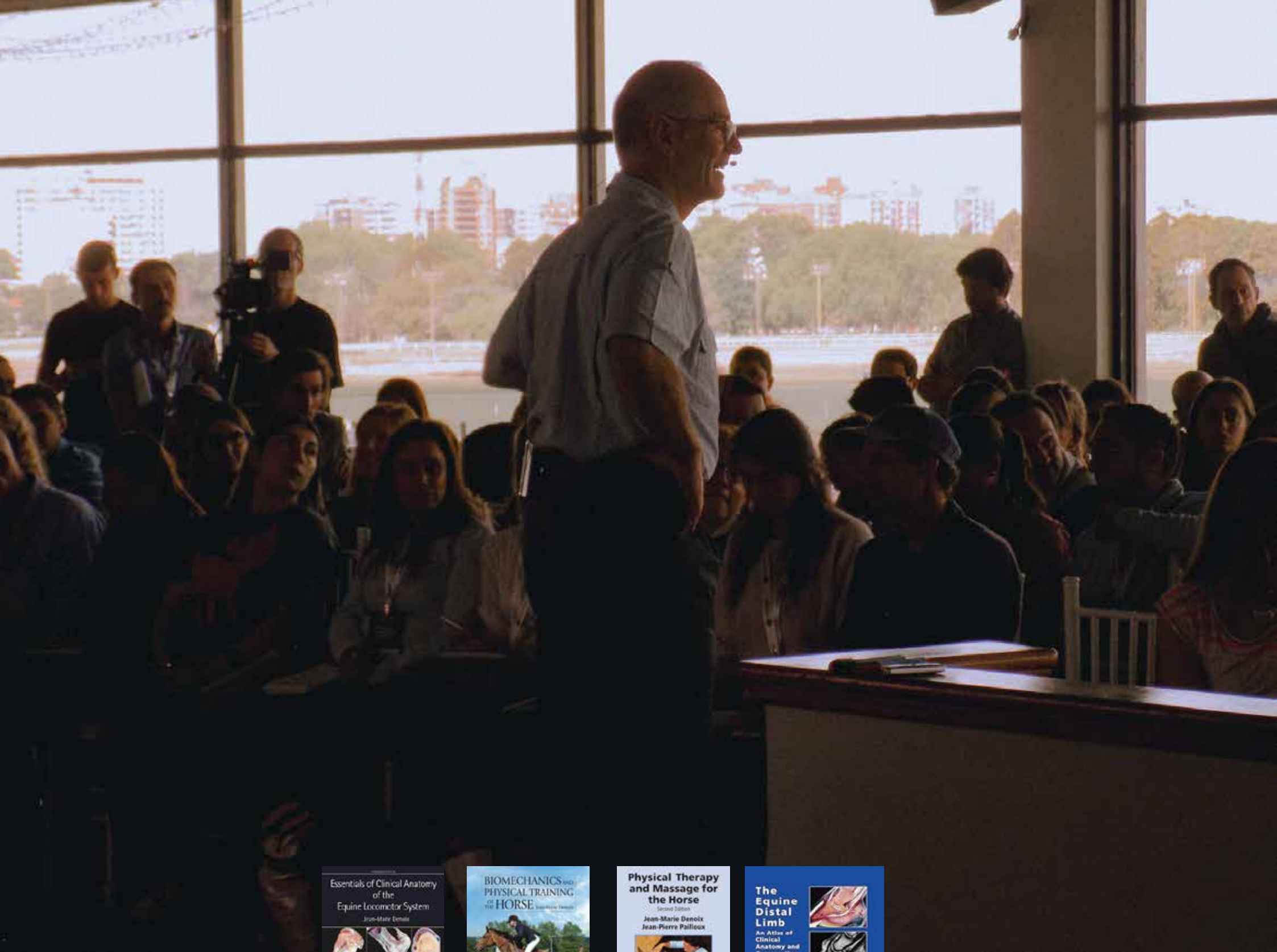
17:30 *Coffee break (30 min)*

18:00 BioRex de fracturas por fatiga sagital del ProxPI: miembro pélvico

18:30 Casos y discusión

19:00 *FIN*

Les pedimos por favor que lleguen en horario. No se harán esperas ni repeticiones de contenido. La puntualidad es fundamental para aprovechar al máximo cada módulo y respetar el cronograma previsto.



¿Quien es el Profesor **Jean-Marie Denoix?**

El Dr. Jean-Marie Denoix es una autoridad mundial en biomecánica y diagnóstico por imágenes del aparato locomotor equino.

Su destacada trayectoria incluye la autoría de varios libros fundamentales en la medicina veterinaria equina, entre los que se encuentran:

"Essentials of Clinical Anatomy of the Equine Locomotor System"

"Biomechanics and Physical Training of the Horse"

"Physical Therapy and Massage for the Horse: A Comprehensive Approach to Equine Kinesiology"

"Ultrasonographic Diagnosis of Musculoskeletal Injuries in the Horse: The Neck and Back"

"The Equine Distal Limb: Atlas of Clinical Anatomy and Comparative Imaging"

Short Curriculum Vitae



Name: DENOIX Jean-Marie

Address: CIRAIE – NEV - ENV | Goustranville 14 430 Dozulé (France)

Work phone: 33 2 31 27 85 55 ; Fax 33 2 31 27 85 57

e.mail: jean-marie.denoix@vet-alfort.fr

Home phone: 33 2 31 27 85 59 - 33 1 49 76 90 40

Cell.phone: 33 6 08 74 60 76

Date of Birth: 27 March 1954

Education: Graduated (DVM) from the National Veterinary School of Lyons (1977)

Colleges

Assoc. LA-ECVDI (European College of Veterinary Diagnostic Imaging -2010)

Diplomate ACVSMR (American college of Veterinary Sport Medicine and Rehabilitation - 2013)

Founding Diplomate ECVSMR (European college of Veterinary Sport Medicine and Rehabilitation - 2018); Chair of the Credentials committee of the ECVSMR

Degrees

Agrégé (1983), PhD (1987), HDR (1988), Cert. ISELP (2008)

Professional activities

Professor of Veterinary Anatomy and of Equine Locomotor System Pathology and Rehabilitation

Head of CIRAIE - Normandy (Center of Imaging and Rehabilitation on Equine Locomotor Affections) – 1999 - 2014

Referred cases for diagnosis and imaging of equine locomotor problems and causes of poor performance at CIRAIE

Scientific organisations

Since 2018 Chair of the Equine speciality group and Credentials Committee of the ECVSMR
(European College of Veterinary Sport Medicine and Rehabilitation)

Since 2018 Founding diplomate of the ECVSMR (European College of Veterinary Sport Medicine and Rehabilitation)

Since 2013 Diplomate of the ACVSMR (American College of Veterinary Sport Medicine and Rehabilitation)

Since 2011 Expert of the WBFSH (World Breeding Federation of Sport Horses) for harmonization of the radiographic evaluation of european stallions

Since 2010 Large Animal Imaging Associate of the LA-ECVDI
(Large Animal section of the European College of Veterinary Diagnostic Imaging)

2006 Founder of the ISELP (International Society of Equine Locomotor Pathology)

Since 1991 Director and co-director of the INRA Research Unit « Equine Biomechanics and Locomotor Pathology in horses»

1990-1998 Vice-president of the EAVA (European Association of Veterinary Anatomists)

1990-1998 Editor of "Pratique Vétérinaire Equine" the french journal of equine practice

1988-1999 Professor of Veterinary Anatomy, Chairman. National Veterinary School of Alfort (Paris)
Head of the Equine Clinical Unit. National Veterinary School of Alfort

1983-1988 Head of the Radiology department (small and large animals) in the National Veterinary School of Lyons

Honours

2021: Invited speaker at the AAEP (American Association of Equine Practitioners) to present the State of the Art lecture ('Milne Lecture')

2021: Invited for the 'John Hickman Plenary lecture' at the BEVA (British Equine Veterinary Association)

2019 to 2004: Invited speaker at the WEVA (World Equine Veterinary Association)

2017: State Of The Art Speaker at the ACVIM (American Association of Veterinary Internal Medicine), National Harbor, USA

2015: Donator of a Bronze sculpture for AAEP Foundation Auctions

2014: FEI Imaging and Lameness Expert at the 2014 World Equestrian Games (Caen-France)

2010: FEI Imaging and Lameness Expert at the 2010 World Equestrian Games (Lexington-USA)

2008: Member of the National Academy of Medicine (human and veterinary)

2006: Schering Plough Equine Research Award from the World Equine Veterinary Association for outstanding applied research work in Equine Diagnostic Imaging

2005: Tierklinik Hochmoor Prize at Equitana, Essen, Germany for creativity and significant amount of work having contributed to an international development in Equine Orthopaedics and Imaging

2003: Richard Hartley Clinical Prize - Equine Veterinary Journal Award for a paper of outstanding scientific merit

2003: Share-Jones lecture in veterinary Anatomy, nominated by the Royal College of Veterinary Surgeons. London (England).
Clinical anatomy of the equine locomotor system.

2000: Peter Wilson Annual Seminar, Royal (Dick) School of Veterinary Studies, Edinburgh (Scotland). Radiography and ultrasonography of back and pelvic Injuries

Services

- Reviewer for Equine Veterinary Journal, Equine Veterinary Education, The Veterinary Journal, Veterinary Radiology & Ultrasound, the Journal of Equine Veterinary Science, The Horse Betting Levy Board, Pratique vétérinaire equine
- Assistant editor of Equine Veterinary Education
- Chair of the Credentials Committee of the ECVSMR
- Member of the Nomination Committee of the ECVSMR

Research activities and areas of professional interest: locomotor system of the horse

- Anatomy
- Comparative imaging of the equine musculoskeletal diseases in horses, with emphasis on ultrasonography of joints
- Biomechanics and functional anatomy of the equine locomotor system
- Lameness, pain and neurological manifestations in horses
- Physiotherapy, rehabilitation and training of sport and race horses

Scientific production (most relevant)

BOOKS - Author of 4 books

Denoix J.-M. Essentials of Clinical Anatomy of the Equine Locomotor System. CRC Press, 2019, 295 pages.

Denoix J.-M. Biomechanics and physical training of the horse. CRC Press, 2013, 195 pages
(translated in French, Japanese, Polish and Russian).

Denoix J.-M. The Equine Distal Limb: An Atlas of Clinical Anatomy and Comparative Imaging. Manson Publishing Ltd, London.
2000, 390 pages, 1200 figures (translated in French and Spanish).

Denoix J.-M., Pailloux J.-P. Physical therapy and massage for the horse. Manson publishing, 1995, 230 pages
(translated in 6 languages).

AUTHOR OF CHAPTERS IN 8 INTERNATIONAL BOOKS

Selected papers

Last decades

Puccetti M., Beccatti F., Denoix J.-M. Bone stress injuries and fatigue fractures of the pelvis in endurance horses. Equine Vet Journal, 2021;00:1-12.

Denoix J.-M., Coudry V. Imaging of the equine fetlock in Thoroughbred racehorses: identification of imaging changes to predict catastrophic injury. Editorial, Equine Vet Journal, 2020

Rovel T., Audigié F., Coudry V., Jacquet-Guibon S., Bertoni L., Denoix J-M. Evaluation of standing low-field magnetic resonance imaging for diagnosis of advanced distal interphalangeal primary degenerative joint disease in horses: 12 cases (2010-2014). (2019) JAVMA Jan 15;254(2):257-265. doi: 10.2460/javma.254.2.257 (IF 2017= 1.508).

Jacquet-Guibon S., Dupays A-G., Coudry V., Crevier-Denoix N., Leroy S., Sineriz F., Chiappini F., Barritault D., Denoix J.-M. (2018) Randomized controlled trial demonstrates the benefit of RGTA® based matrix therapy to treat tendinopathies in racing horses. Plos One 13(3):e0191796. doi: 10.1371/journal.pone.0191796. eCollection 2018. (IF 2017 = 2.766)

Denoix J-M, Coudry V. (2018) Ultrasonographic examination of the quadriceps femoris muscle: normal images and findings. Equine Vet. Educ. doi:10.1111/eve.12886 (IF 2017= 0.970)

Denoix J-M, Beaumont A, Bertoni L. Ultrasonographic guided block of the tibial nerve. Equine Vet. Educ. (2018) doi: 10.1111/eve.13020 (IF 2017= 0.970)

Rovel T., Coudry V., Jacquet-Guibon S., Bertoni L., Denoix J-M., Audigié F. (2018) Synostosis of the first and second ribs in 6 horses. JAVMA 253(5):611-616. doi: 10.2460/javma.253.5.611 (IF 2017 = 1.508)

Moiroud C.H., Coudry V., Denoix J-M. Distribution of pelvic fractures in racing and sport horses: a retrospective study of 86 cases examined in a referral center. VCOT (IF 2017 = 0.872)

Moiroud C.H., Coudry V., Denoix J-M. Outcome of pelvic fractures identified in 75 horses in a referral center: a retrospective study. VCOT (IF 2017 = 0.872)

Barritault D., Desgranges P., Meddahi-Pellé A., Denoix J.-M., Saffar J.-L. (2016) RGTA-based matrix therapy - A new branch of regenerative medicine in locomotion, Joint Bone Spine (2016), <http://dx.doi.org/10.1016/j.jbspin.2016.06.012>

Emond A.-L., Seignour M., Coudry V., Bertoni L. and Denoix J.-M. (2016) Peripheral neuropathy of a forelimb in horses: 27 cases (2000-2013). JAVMA, 249:1187-1195

Coudry V., Dupays A.-G., Carnicer D., Jacquet S., Bertoni L., Crevier-Denoix N., Desquilbet L., Kichenin K., Barritault D. and Denoix J.-M. (2014) Long-term follow-up of superficial digital flexor tendonitis treated by a single intralesional injection of a ReGeneraTing Agent (RGTA) in 51 horses. Journal of Equine Vet Science, 34, 11-12, 1357-1360 (IF 2013 = 0.892) DOI : 10.1016/j.jevs.2014.09.014.

De Bastiani G., de la Corte F.-D., Brass K.-E., Kommers G.-D. and Denoix J.-M. (2014) Association of ultrasound and anatomopathologic findings of equine metacarpophalangeal lesions. Journal of Equine Veterinary Sciences, 34, 10, 1218-1225 (IF 2013 = 0.892) DOI : 10.1016/j.jevs.2014.08.006.

Demoor M., Ollitrault D., Gomez-Leduc T., Bouyoucef M., Hervieu M., Fabre H., Lafont J., Denoix J.-M., Audigié F., Mallein-Gerin F., Legendre F., Galera P. (2014) Cartilage tissue engineering: Molecular control of chondrocyte differentiation for proper cartilage matrix reconstruction. Biochim Biophys Acta. General Subjects, 1840, 8, Special issue, 2414-2440 (PMID : 24608030) DOI : 10.1016/j.bbagen.2014.02.030.

Denoix J.-M. (2014) Dysplasia of the sulcus intertubercularis with medial luxation of the proximal tendon of the biceps brachii. Equine Vet Education, 26, 9, 473-476 (IF 2013 = 0.773) DOI : 10.1111/eve.12203

McLellan J. and Denoix J.-M. (2014) Injury of the origin of the gastrocnemius and superficial digital flexor muscles in a thoroughbred race-horse: an atypical presentation of reciprocal apparatus failure. Equine vet Education, 26, 8, 402-406 (IF 2013 = 0.773)

Coudry V. and Denoix J.-M. (2013) Ultrasonographic examination of the palmar aspect of the pastern of the horse: Digital flexor tendons and digital sheath. Equine Veterinary Education, 25, 4, 196-203. (IF 2011 = 0.545).

Denoix J.-M., Jacquet S., Lepeule J., Crevier-Denoix N., Valette J.-P. and Robert C. (2013) Radiographic findings of juvenile osteochondral conditions detected in 392 foals using a field radiographic protocol. Veterinary Journal. (IF 2011=2,239). DOI: 10.1016/j.tvjl.2013.03.040.

Denoix J.-M., Jeffcott L.-B., McIlwraith C.-W. and Van Weeren P.-R. (2013) A review of terminology for equine juvenile osteochondral conditions (JOCC) based on anatomical and functional considerations. Veterinary Journal. (IF 2011=2,239). DOI: 10.1016/j.tvjl.2013.03.038

- Jacquet S., Robert C., Valette J.-P. and Denoix J.-M. (2013) Evolution of radiological findings detected in the limbs of 321 young horses, between the age of 6 and 18 months. *Veterinary Journal*. (IF 2011 = 2,239). DOI : 10.1016/j.tvjl.2013.03.042.
- Lepeule J., Robert C., Bareille N., Valette J.-P., Jacquet S., Seegers H. and Denoix J.-M. (2013) A reliable severity scoring system for radiographic findings in the limbs of young horses. *Veterinary Journal*. (IF 2011 = 2,239). DOI : 10.1016/j.tvjl.2013.03.041.
- Robert C., Valette J.-P., Jacquet S. and Denoix J.-M. (2013) Study design for the investigation of likely aetiological factors of juvenile osteochondral conditions (JOCC) in foals and yearlings. *Veterinary Journal*. (IF 2011 = 2,239). DOI : 10.1016/j.tvjl.2013.03.039.
- Robert C., Valette J.-P., Denoix J.-M. (2013) Longitudinal development of equine forelimb conformation from birth to weaning in 3 different breeds. *Veterinary Journal*. 2013; 198, suppl 1, 75-80. (PMID: 24176280) DOI : 10.1016/j.tvjl.2013.09.037.
- Robert C., Valette J.-P., Jacquet S., Denoix J.-M. (2013) Influence of juvenile osteochondral conditions on racing performance in Thoroughbreds born in Normandy. *Veterinary Journal*. 2013; 197, 1, 83-89. (PMID: 23639369) DOI : 10.1016/j.tvjl.2013.03.046
- Van Weeren P.-R. and Denoix J.-M. (2013) The Normandy field study on juvenile osteochondral conditions: Conclusions regarding the influence of genetics, environmental conditions and management and the effect on performance. *Veterinary Journal* (IF 2011 = 2,239). DOI : 10.1016/j.tvjl.2013.03.047.
- Crisan M.-I., Damian A., Gal A., Miclaus V., Cernea C.-L. and Denoix J.-M. (2013) Vascular abnormalities of the distal deep digital flexor tendon in 8 draught horses identified on histological examination. *Research Veterinary Science (RVSC-13-03.006)* DOI : 10.1016/j.rvsc.2013.03.006.
- Werpy N.-M., Denoix J.-M., McIlwraith C.-W., and Frisbie D.-D. (2013) Comparison between standard ultrasonography angle contrast ultrasonography and magnetic resonance imaging characteristics of the normal equine proximal suspensory ligament. *Veterinary Radiology Ultrasound*. DOI : 10.1111/vru.12051
- Bertoni L., Seignour M., de Mira M., Coudry V., Audigié F., Denoix J.-M. (2013) Fractures of the third trochanter in horses: 8 cases (2000-2012). *JAVMA*. 2013; 243, 2, 261-266.
- Coudry V., Denoix J.-M. (2013) Ultrasonographic examination of the palmar aspect of the pastern of the horse: Digital flexor tendons and digital sheath. *Equine Veterinary Education*. 2013; 25, 4, 196-203
- Carnicer D., Coudry V., Denoix J.-M. (2013) Ultrasonographic examination of the palmar aspect of the pastern of the horse: sesamoidean ligaments. *Equine Veterinary Education*. 2013; 25, 5, 256-263
- Bertoni L., Foressu D., Coudry V., Audigié F. and Denoix J.-M. (2012) Exostoses of palmar or plantar aspect of the diaphysis of the third metacarpal and metatarsal bone in horses: 16 cases (2001-2010). *JAVMA*, 240, 740-747. (IF 2011 = 1.791) (PMID: 22380813). doi: 10.2460/javma.240.6.740
- Werpy NM, Denoix J.-M. (2012) Imaging of the equine proximal suspensory ligament. *Vet Clin North Am Equine Pract*. 28, 507-525 (IF 2011 = 0.884) (PMID: 23177129). doi: 10.1016/j.cveq.2012.08.005.
- Crevier-Denoix N., Ravary-Plumioen B., Vergari C., Camus M., Holden-Douilly L., Falala S., Jerbi H., Desquilbet L., Chateau H., Denoix J.-M., Pourcelot P. (2012) Comparison of superficial digital flexor tendon loading on asphalt and on deep sand in horses at the walk and trot. *The Veterinary Journal*. 2012; 198, suppl 1, 130-136. DOI: 10.1016/j.tvjl.2013.09.047
- Shikh Alsook M.-K., Antoine N., Piret J., Moula N., Busoni V., Denoix J.-M., Gabriel A. (2013) Morphometric analyses of the body and the branches of the normal third interosseous muscle (suspensory ligament) in standardbreds. *Anatomia Histologia Embryologia*, 2013; 42, 6, 461-470. (PMID: 23464541) DOI : 10.1111/ahe.12038.
- Dupays A.-G., Coudry V. and Denoix J.-M. (2012) Ultrasonographic examination of the dorsal aspect of the distal interphalangeal joint of the horse. *Equine Veterinary Education*. 2012; 24, 38-44. DOI: 10.1111/j.2042-3292.2011.00304.x

Jacquet S. and Denoix J.-M. (2012) Ultrasonographic examination of the distal podotrochlear apparatus of the horse: a transcuneal approach. *Equine Veterinary Education*, 24, 90-96. DOI: 10.1111/j.2042-3292.2011.00305.

Seignour M., Coudry V., Norris R. and Denoix J.-M. (2012) Ultrasonographic examination of the palmar/plantar aspect of the fetlock in the horse: Technique and normal images. *Equine Veterinary Education*. 2012;24, 19-29. DOI: 10.1111/j.2042-3292.2011.00192.

Coudry V., Thibaud D., Riccio B., Audigie F., Didierlaurent D., Denoix J.-M. (2007) Efficacy of tiludronate in the treatment of back pain in horses: a unicentric placebo-controlled clinical trial. *American Journal of Veterinary Research*, 68:329-337.

Coudry V., Allen K., Denoix J.M. (2005) Congenital abnormalities of the bicipital apparatus in four adult horses. *Equine Vet. J.*, 35(3)272-275.

Denoix J.-M., Thibaud D, Riccio B (2003) Tiludronate as a new therapeutic agent in the treatment of navicular disease : a double-blind, placebo-controlled clinical trial. *Equine vet. J.*, 35(4)407-413

Last millenium

Denoix J.-M., Busoni V. : Ultrasonographic anatomy of the accessory ligament of the superficial digital flexor tendon in horses. *Equine vet. J.* 1999, 31(3)186-191.

Denoix J.-M., Busoni V., Olalla M.J.: Ultrasonographic examination of the proximal scutum in the horse. *Equine vet J.* 1997, 29(2)136-141.

Denoix J.-M., Jacot S., Perrot P., Bousseau B.: Ultrasonographic anatomy of the dorsal and abaxial aspects of the equine fetlock. *Equine vet. J.* 1996, 28(1)54-62.

Denoix J.-M., Yousfi S.: Spontaneous injury of the accessory ligament of the superficial digital flexor tendon (proximal check ligament): a new ultrasonographic diagnosis. *J. Equine Vet Sci* 1996, 16(5)191-194.

Denoix J.-M.: Functional anatomy of tendons and ligaments in the distal limbs (manus and pes). *Veterinary Clinics of North America, Equine practice*. 1994, 10 (2)273-322.

