

Francesca Beccati
Dr. Med Vet, PhD, DECVSMR, DACVSMR, Cert. ISELP

Curriculum Vitae

Education and professional qualification

- From 29 November 2019: Associate Professor VET/09, Department of Veterinary Medicine, University of Perugia,
- From 29 November 2019 up to the present: Lecture (RTD-B) in Veterinary Surgery (SSD VET/09), Department of Veterinary Medicine, University of Perugia. Research project: Evaluation of anatomical variations of equine lumbosacroiliac region: ex-vivo comparison between ultrasonographic and computed tomographic findings and correlation with abnormal findings and poor performance on clinical cases.
- March 15, 2021: Diplomate American College of Veterinary Sport Medicine and Rehabilitation (ACVSMR) Equine.
- *March 5, 2021:* Diplomate European College of Veterinary Sport Medicine and Rehabilitation (ECVSMR) Equine.
- 1 August 2018 28 November 2019: Research Grant in Equine Orthopaedics. Correlation between radiographic abnormalities and anatomical variations of the cervicothoracic junction of the equine cervical vertebra. Veterinary Teaching Hospital, Department of Veterinary Medicine, University of Perugia, Italy
- 21 August 2017 28 June 2020: Practice Experience Residency of the American College of Veterinary Sport Medicine and Rehabilitation (ACVSMR), Equivet Veterinarios (Dr. Romero), Madrid (Spain) and University of Perugia (Italy).
- *March 2017-Dicember 2017*: Advance training course in Statistics methods for research and biomedical practice. Università La Sapienza, Roma.
- 31 March, 2017: National Scientific Abilitation as Associate Professor
- 9 December 2016: Certified ISELP (International Society of Equine Locomotor Pathology)
- From 15 June 2015 to 14 June 2018: Research Fellow in Equine Orthopaedics and Diagnostic Imaging. Veterinary Teaching Hospital, Department of Veterinary Medicine, University of Perugia, Italy
- From May 2012 to 14 June 2015: senior scholarship and grant research on the importance of sympathetic innervation, adrenergic receptors, and possible local catecholamine production in the development of deep digital flexor tendinopathy in the digit of the horse. Department of Veterinary Medicine, University of Perugia, Italy
- 28 October 2014: winner of the award for young Researcher assigned by the Italian Society of Veterinary Science.
- From May 2011 to April 2012: senior scholarship and grant research on the identification of sympathetic innervation, adrenergic receptors, and possible local catecholamine production in the development of deep digital flexor tendinopathy in the digit of the horse. Department of Veterinary Pathology, Diagnostic and Clinic, Faculty of Veterinary Medicine, University of Perugia, Italy.

- From 15th June 2009 to 14th August 2010: junior scholarship and grant research on the comparison of the efficacy and safety between prosthetic laryngoplasty and laryngeal pacemaker in the treatment of left laryngeal hemiplegia in the horse. Department of Veterinary Medicine, University of Perugia, Italy
- From January 2008 to February 2011: PhD-student in equine clinical science. PhD thesis on Comparison of radiography and ultrasonography for detecting trochlear ridge osteochondrosis lesions in the equine stifle.
- November 2007: State certification to practice Veterinary Medicine, University of Perugia, Italy.
- 27th October 2007: University degree in Veterinary Medicine, Faculty of Veterinary Medicine, University of Perugia, Italy.

Work experience

- From Dicember 2019: Senior clinicians in the Veterinary Teaching Hospital of the Faculty of Veterinary Medicine, University of Perugia, Italy, in the Large Animal Section (99 % equine; 1% bovine and small ruminants). Responsible of Equine lameness, poor performance evaluation and diagnostic imaging service.
 - O Clinician in routine ambulatory: mainly lameness and poor performance examinations and neurological cases.
 - O Clinician in interpretation of diagnostic imaging (radiography, ultrasonography, computed tomography, endoscopy, MRI)
 - O Supervisor during clinical training of PhD students and residents in morning rounds, case discussions, hospitalized patients treatments, intensive care (laminitis, fracture) with night and weekend shafts;
 - o Public relations: developed strong client communication skills through close interaction with clients. Filled discharge certificates for guidelines for the owner after horses discharge.
 - Out of hours: orthopaedics and neurological emergencies
- From April 2019 up to the present: Official Veterinary for Historical race "Quintana Tournament", Foligno (PG), Italy
- <u>From 2018:</u> Member of the Veterinary Committee for evaluation of healthy status of Stallions and Elitè Breeding Mares of the Italian Warmblood Studbook, MIPAAF, Italy.
- <u>From January 2016 to November 2019:</u> Senior clinicians in the Veterinary Teaching Hospital of the Faculty of Veterinary Medicine, University of Perugia, Italy, in the Large Animal Section (99 % equine; 1% bovine and small ruminants) with particular attention to diagnostic imaging section:
 - o Practice and study of the main diagnostic imaging techniques (radiology, ultrasonography, computed tomography) concerning orthopaedics (musculoskeletal radiology, ultrasound and computed tomography), internal medicine (thoracic ultrasound and radiology, abdominal ultrasound; thoracic and abdominal computed tomography in foal) and emergency (colic, fracture, wound);
 - Clinician in routine ambulatory: mainly lameness and poor performance examinations and neurological cases.
 - o Supervisor during clinical training of PhD student and resident in morning rounds, case discussions, hospitalized patients treatments, intensive care (laminitis, fracture) with night and weekend shafts;
 - o Public relations: developed strong client communication skills through close interaction with clients. Filled discharge certificates for guide-lines for the owner after horses discharge.
 - Out of hours: orthopaedics and neurological emergencies
 - o Clinical Teacher in musculoskeletal ultrasonography and radiology and basic principles of scintigraphy and MRI to veterinary students.
- From January, 2013: Team Vet of Freedom Horseriding Endurance Team.
- From January 2012 up to December 2016: Senior clinicians in the Veterinary Teaching Hospital of the Faculty of Veterinary Medicine, University of Perugia, Italy, in the Large Animal Section (99 % equine; 1% bovine and small ruminants) with particular attention to diagnostic imaging section:

- o Practice and study of the main diagnostic imaging techniques (radiology, ultrasonography, computed tomography) concerning orthopaedics (musculoskeletal radiology, ultrasound and computed tomography), internal medicine (thoracic ultrasound and radiology, abdominal ultrasound; thoracic and abdominal computed tomography in foal) and emergency (colic, fracture, wound);
- O Clinician in routine ambulatory: mainly lameness and poor performance examinations, and neurological cases.
- Supervised clinical training in morning rounds, case discussions, hospitalized patients treatments, intensive care (colic, dystocia, neonates, internal medicine cases, fracture), anaesthesiology, neonatology with night and weekend shafts;
- o Public relations: developed strong client communication skills through close interaction with clients. Filled discharge certificates for guide-lines for the owner after horses discharge.
- Out of hours: dystocias, colics, fractures, traumatic injuries, etc.
- o Clinical Teacher in musculoskeletal ultrasonography and radiology and basic principles of scintigraphy and MRI to veterinary students.
- From January 2011 up to June 2015: Part time equine private practitioner as second opinion vet for radiographic and ultrasonographic examination in the field and ultrasound-guided procedure for tendon/ligament lesions.
- From November 2007 to December 2011: Supervised junior clinicians in the Teaching Hospital of the Faculty of Veterinary Medicine, University of Perugia, Italy, in the Large Animal Section (99 % equine; 1% bovine and small ruminants):
 - o Practice and study of the main diagnostic imaging techniques (radiology and ultrasonography) concerning orthopaedics (musculoskeletal radiology and ultrasound), internal medicine (thoracic ultrasound and radiology, abdominal ultrasound) and emergency (colic, fracture, wound);
 - O Supervised clinical training in morning rounds, case discussions, hospitalized patients treatments, intensive care (colic, dystocia, neonates, internal medicine cases, fracture), anaesthesiology, neonatology with night and weekend shafts;
 - Supervised clinical training in routine ambulatory: lameness examinations and internal medicine cases
 - o Active participation and study of surgical techniques (hard and soft tissues).
 - o Public relations: developed strong client communication skills through close interaction with clients. Filled discharge certificates for guide-lines for the owner after horses discharge.
 - Out of hours: dystocias, colics, fractures, traumatic injuries, etc.
 - o Supervised teacher in musculoskeletal ultrasonography and radiology and basic principles of scintigraphy and MRI to veterinary students.
- 27th June-15th July 2011: "See-Practice" at Leverhulme Equine Hospital, University of Liverpool, UK.
- May 4th-24th, 2009: "See-Practice" at the Animal Health Trust-Centre of Equine Studies, Newmarket, UK.

Teaching

- <u>a.a. (academic year) 2022-2023:</u> Lecture of Diagnostic Imaging module of the Surgery Clinic I; Lecture in Professionalising Combined Class: Diagnostic Imaging and Surgery in Large Animal Orthopaedics; Clinical rotation of Veterinary Surgery Pathology for large animal activities.
- <u>a.a. (academic year) 2021-2022:</u> Lecture of Diagnostic Imaging module of the Surgery Clinic I; Lecture in Professionalising Combined Class: Diagnostic Imaging and Surgery in Large Animal Orthopaedics; Clinical rotation of Veterinary Surgery Pathology for large animal activities.

- <u>a.a. (academic year) 2020-2021:</u> Lecture of Diagnostic Imaging module of the Surgery Clinic I; Lecture in Professionalising Combined Class: Diagnostic Imaging and Surgery in Large Animal Orthopaedics; Clinical rotation of Veterinary Surgery Pathology for large animal activities.
- <u>a.a. 2019-2020</u> Lecture in Professionalising Combined Class: Diagnostic Imaging and Surgery in Large Animal Orthopaedics; Collaborators for frontal lessons and practical activities for Veterinary Surgery Pathology and Semeiotic and Veterinary Surgery I.
- <u>17 Dicember 2018:</u> Master in "Cultura, Tradizione e Innovazione nella Gestione del Cavallo Sportivo" Università degli Studi della Tuscia, Italy.
- October 21st 2017: Instructor at ISELP Student Program, León Vet School, Spain.
- <u>a.a. (academic year) 2016-2017 e 2017-2018:</u> Lecture in Professionalising Combined Class: Equine Musculoskeletal Ultrasound.
- <u>a.a. (academic year) 2015-2016, 2016-2017 e 2017-2018:</u> Lecture in Professionalising Combined Class: Diagnostic Imaging and Surgery in Large Animal Orthopaedics. Assistant for frontal lessons and practical activity (clinical rotation) in Veterinary Surgical Pathology and Veterinary Surgery I.
- *May 16th-17^{th,} 2015:* Instructor at practical course "Equine Neurology Course", Equine Practice, Campagnano (Rome), Italy.
- February 28th-march 1st, 2014: Instructor at theorical and practical course "Abdominal and thoracic ultrasonography", Department of Veterinary Medicine, Perugia.
- October 18th-19th, 2013: Instructor at theorical and practical course "Abdominal and thoracic ultrasonography", Department of Veterinary Medicine, Perugia.
- 21st May 2013: Invited Speaker for Scuola di Specializzazione in Medicina e Chirurgia del Cavallo of the University of Milan, Milan, Italy.
- 11th May 2013: Invited Speaker for Sanità Animale, Allevamento e Produzioni Zootecniche of the University of Perugia, Perugia, Italy.
- *June 25th, 2012*: Invited Speaker for Scuola di Specializzazione in Medicina e Chirurgia del Cavallo of the University of Milan, Milan, Italy.
- October 2nd, 2011: Co-Instructor at theoretical and practical course "The therapy of pain in the horse-Local, perineural and intra-articular analgesia techniques of the head and of limbs", Perugia, Italy.
- April 16th-17th, 2011: Instructor at SIVE course "Practical course of basic ultrasonography: metacarpal, pastern, fetlock and stifle regions", Perugia, Italy.
- November 13th-14th, 2010: Instructor (In English) at SIVE course "Clinical radiology part II: hindlimb", Rome, Italy.
- June 4th-5th, 2010: Instructor (In English) at SIVE course "Clinical radiology part I: forelimb", Perugia, Italy.

Peer-reviewer publications

- 1. Radiographic abnormalities of the thoracolumbar spinous processes do not differ between yearling and trained Thoroughbred horses without perceived back pain. Pressanto MC, Pepe M, Coomer RPC, Pilati N, **Beccati F**. *J Am Vet Med Assoc* 2023, 261:844-851.
- 2. Conventional imaging is useful for assessment of equine pharyngeal squalous cell carcinoma but underestimates bone involvement. Vandermissen M, Etienne A, Dancot, M, Evrard L, **Beccati F**, Grulke S, Busoni V. *Equine Vet Educ* 2023, 35: e331-e338.
- 3. Post-mortem computed tomographic features of the most caudal lumbar vertebrae, anatomical variations and acquired osseous pathological changes, in a mixed population of horses. Scilimati N, Angeli G, Di Meo A, Dall'Aglio C, Pepe M, **Beccati F**. *Animals* 2023, 13:743.

- 4. Age and sex correlate with bony changes and anatomic variations of the lumbosacroiliac region of the vertebral column in a mixed population of horses. Scilimati N, **Beccati F**, Dall'Aglio C, Di Meo A, Pepe M. *J Am Vet Med Assoc* 2023, 261:258-265.
- 5. Computed tomographic diagnosis of a fracture of the floor of the pelvis in a Thoroughbred foal. Scilimati N, Schiavo S, Lauteri E, Beccati F, Angeli G, Di Meo A, Pepe M. *Equine Vet Educ* 2023, 82-86. 10.111/eve.13656.
- 6. Diagnostic characteristics of refractomery cut-off points for the estimation of immunoglobulin G concentration in mare colostrum. Rampacci E, Mazzola K, **Beccati F**, Passamonti F. *Equine Vet J*, Equine Vet J, 2023, 55:102-110. doi: 10.1111/evj.13568.
- 7. Palliative repeated electroporations of oral tumours in dogs: a case series. Moretti G, Dentini A, Beccati F, Arcelli R, Di Matteo I, Giovannini G, Bufalari A. *Frontiers in Veterinary Science* 2022, 9:1004811 doi: 10.3389/fvets.2022.1004811
- 8. Bone stress injuries and fatigue fracture of the pelvis in endurance horses. Puccetti M, **Beccati F**, Denoix JM. *Equine Vet J* 2022; 56: 1064-1075. doi: 10.1111/evj.13536
- 9. Ex vivo biomechanical evaluation of polyester and polyblend suture technique to perform equine laryngoplasty. Pressanto MC, Pascoletti G, Perkins JD, Zanetti EM, **Beccati F**, Santalucia V, Pepe M. *Vet Surg* 2022; 51: 497-508. doi: 10.1111/vsu.13777.
- 10. Circulating transcriptional profile modulation in response to metabolic unbalance due to long-term exercise in equine athletes: a pilot study. Cappelli K, Mecocci S, Capomaccio S, **Beccati F**, Palumbo AR, Tognoloni A, Pepe M, Chiaradia E. *Genes* 2021, 12: 1965. Doi: 10.3390/genes12121965
- 11. Plantar fasciitis in 19 endurance horses: diagnosis, treatment and follow-up. Paris A, **Beccati F**, Pepe M. *Equine Vet Educ* 2021;33:643-652. doi: 10.111/eve.13383
- 12. Adrenal gland ultrasonographic measurements and plasma hormone concentrations in clinically healthy newborn Thoroughbred and Standardbred foals. Lauteri E, Mariella J, **Beccati F**, De Graag-Roelfsema E, Pepe M, Peric T, Barbato O, Montillo M, Rouge S, Freccero F. *Animals* 2021;11:1832. Doi: 10.3390/ani11061832
- 13. Clinical and ultrasonographic findings of tear of the gastrocnemius muscle and enthesopathy of the origin of the superficial digital flexor muscle in a reining Quarter Horse mare. Romero JM, Pressanto MC, Pepe M, Di Meo A, **Beccati F**. *Equine Vet Educ* 2021;33:349 (e210-e218). Doi: 10.1111/eve.13257
- 14. Type, prevalence and risk factors for the development of orthopedic injuries in endurance horses during training and competition. Paris A, **Beccati F**, Pepe M. *J Am Vet Med Assoc* 2021;258:1109-1118. Doi: 10.2460/javma.258.10.1109
- 15. Multimodal diagnostic imaging to identify septic apophysitis of the proximal humerus in a Thoroughbred foal. Scilimati N, Pepe M, Pressanto MC, Angeli G, **Beccati F**. *J Equine Vet Sci* 2021;101:103448. Doi: 10.1016/j.jevs.2021.103448
- 16. Ultrasonographic measurement of the adrenal gland in neonatal foals: reliability of the technique and assessment of variation in healthy foals during the first five days of life. Lauteri E, Mariella J, **Beccati F**, De Graag-Roelfsema E, Pepe M, Peric T, Barbato O, Montillo M, Rouge S, Freccero F. *Vet Rec* 2020, 187:e117. Doi: 10.1136/vr.106027
- 17. Radiographic findings and anatomical variations of the caudal cervical area in horses with neck pain and ataxia: case-control study on 116 horses. **Beccati F**, Pepe M, Santinelli I, Gialletti R, Di Meo A, Romero JM. *Vet Rec* 2020;187:e79. Doi:10.1136/vr.105756
- 18. Septic pyomyositis, multiple pelvic osteomyelitis and thrombosis in a Thoroughbred foal. Pressanto MC, **Beccati F**, Stefanetti V, Passamonti F, Pilati N, Pepe M. *Equine Vet. Educ* 2020;32:78 (e10-e14). Doi: 10.1111/eve.13002
- 19. Temporal efficacy of antimicrobials against aerobic bacteria isolated from equine endometritis: and Italian retrospective analysis (2010-2017). Pisello L, Rampacci E, Stefanetti V, **Beccati F**, Hyatt DR, Coletti M, Passamonti F. *Vet Rec* 2019;185:19. Doi: 10.1136/vr.105413
- 20. Epidemiology and risk factors for eliminations from Fédération Equestre Internationale endurance rides between 2004-2015 in Italy. Di Battista C, Conte M, Pepe M, Petrizzi L, **Beccati F**. Prev Vet Med 2019;

- 170: article 104737.
- 21. In vitro evaluation of a medial approach for intra-articular injection of the tarsometatarsal joints of horses. Canonici P, **Beccati F**, Canonici F, Pepe M. Am J Vet Res 2019; 80: 396-402.
- 22. Computed Tomographic diagnosis of incomplete palmar metacarpal cortical (fatigue) fracture in two young adult endurance horses **F Beccati**, A Cerocchi, M Conte, N Pilati, M Pepe. Equine Vet Educ 2019;31:e17-e22.
- 23. A specific laryngeal finding in dogs with bronchial vegetal foreign bodies: a retrospective study of 63 cases. Marchesi MC, Caivano, C, Conti B, **Beccati F**, Valli L, Busechian S, Rueca F. J Vet Med Sc 2019; 19;81(2): 213-216. doi: 10.1292/jvms.18-0293
- 24. Influence of neck position on the commonly performed radiographic measurements of the equine cervical spine. **Beccati F**, Santinelli I, Nannarone S, Pepe M. Am J Vet Res 2018;79:1044-1049.
- 25. Sympathetic innervation and adrenergic receptors in the equine deep digital flexor tendinopathy: preliminary results. **Beccati F**, Pepe M, Antinori L, Pascucci L, Chiaradia E, Mandara MT. J Comp Path 2018;163: 33-37.
- 26. Circulating miRNAs as putative biomarkers of exercise adaptation in endurance horses. Cappelli K, capomaccio C, Viglino A, Silvestrelli M, **Beccati F**, Moscati L, Chiaradia E. Front Physiol 2018; 24: 429. Doi: 10.3389/fphys.2018.00429
- 27. A survey of ocular ultrasound abnormalities in horse: 145 cases. Gialletti R, Marchegiani A, Valeriani T, Nannarone S, **Beccati F**, Fruganti A, Laus F. J Ultrasound 2018; 21: 53-59 doi: 10.1007/s40477-018-0284-7
- 28. EHV-1 congenital infection and concurrent Actinobacillus Equuli septicaemia in a Standardbred neonatal foal: clinical, diagnostic findings and evaluation of adrenal glands function. Lauteri E, Corsalini J, Pepe M, Mandara MT, Passamonti F, **Beccati F**. J Equine Vet Science 2018; 61: 7-12. DOI: 10.1016/j.jevs.2017.10.021
- 29. Ultrasonographic technique and appearance of adrenal gland in neonatal foals: a pilot study. **Beccati F**, Lauteri E, Cercone M, Gialletti R. J Equine Vet Science 2018; 61: 13-17. DOI: 10.1016/j.jevs.2017.10.022
- 30. Pathology in Practice. Lepri E, **Beccati F**, Miglio A, Passamonti F, Veronesi F, Mandara M. J Am Vet Med Ass 2017; 251: 1153-1156. DOI: 10.2460/javma.251.10.1153
- 31. Umbelical infections in foals: microbiological investigation and management. Rampacci E, Passamonti F, Bottinelli M, Stefanetti V, Cercone M, Nannarone S, Gialletti R, **Beccati F**, Coletti M, Pepe M. Vet Rec 2017; 180: 543. DOI: 10.113/vr.103999
- 32. Surgical treatment of an abdominal abscess caused by migrating iron wire from the ventral colon, a case report. Pilati N, Corsalini J, **Beccati F**, Nannarone S, Gialletti R. J Equine Vet Sc 2017; 54: 103-106. DOI: 10.1016/j.jevs.2016.11.015
- 33. Septic tendonitis of the deep digital flexor tendon in a Thoroughbred horse referred for weight loss and intermittent fewer. Santinelli I, **Beccati F**, Passamonti F, Pepe M. Equine vet Educ 2017; 29: 488-492. DOI: 10.1111/eve.12529
- 34. Detection and DNA quantification of Enterococcus casseliflavus in a 3 month-old foal with septic meningitis. Stefanetti V, **Beccati F**, Passamonti F, Sgariglia E, Coletti M, Vuerich M, Marenzoni M. J Am Vet Med Ass 2016; 249: 96-100.
- 35. The use of multi-phase computed tomographic urography in the diagnosis of ureteral tear in a 6-day-old foal. **Beccati F**, Cercone M, Angeli G, Santinelli I, Pepe M. Vet Rad Ultrasound 2016; 57: E10-15. DOI: 10.1111/vru.12287
- 36. Anatomical variation of the spinous and transverse processes in the caudal cervical vertebrae and the first thoracic vertebra in horses. Santinelli I, **Beccati F**, Arcelli R, Pepe M. Equine Vet J 2016; 48:45-49. DOI: 10.1111/evj.12397
- 37. Sympathetic innervation of the suprasesamoidean region of the deep digital flexor tendon in the forelimbs of horses. **Beccati** F, Pepe M, Pascucci L, Ceccarelli P, Chiaradia E, Mancini F, Mandara MT. Vet J 2015; 205: 413-416. DOI: 10.1016/j.tvjl.2015.06.004

- 38. Septic tenosynovitis caused by porcupine quills: clinical and diagnostic findings, treatment and long-term outcome in seven horses. Pilati N, Pepe M, Gialletti R, Moriconi F, **Beccati F**. J Equine Vet Sc 2015; 35: 321-326.
- 39. Ultrasonographic findings in horses with septic arthritis/tenosinovitis. **Beccati F**, Gialletti R, Passamonti F, Nannarone S, Di Meo A, Pepe M. Vet Rad Ultrasound 2015; 56:68-76. DOI: 10.1111/vru.12183
- 40. Evaluation of transabdominal ultrasound as a tool for predicting the success of abdominocentesis in horses. **Beccati F**, Nannarone S, Gialletti R, Lotto E, Cercone M, Dante S, Bazzica C, Pepe M. Vet Rec 2014; 174: 251. DOI: 10.1136/vr.102113
- 41. Morphologic radiographic study of the proximal sesamoid bones of the forelimb in Thoroughbred racehorses in training. **Beccati F**, Gialletti R, Giontella A, Davanzo S, Di Meo A. Anat. Histol. Embryol. 2014;43(5):403-407. DOI: 10.1111/ahe.12075.
- 42. Arthroscopic anatomy of equine cervical articular process joints. M. Pepe, M. Angelone, R. Gialletti, N. Nannarone, **F. Beccati**. Equine Vet J, 2014;46(3): 345-351. DOI: 10.1111/evj.12112.
- 43. Frattura d'avulsione all'origine della corda femoro-metatarsica (Peroneus tertius) in un puledro. (Avulsion fracture at the origin of the Peroneus Tertius in a foal) **F. Beccati**, M. Pepe, S. Dante, S. Cavallini, R. Gialletti. Ippologia, 2013;24(1): 15-20.
- 44. Diagnostic sensitivity and interobserver agreement of radiography and ultrasonography for detecting trochlear ridge osteochondrosis lesions in the equine stifle. **F Beccati**, HJ Chalmers, S Dante, E Lotto, M Pepe. Vet Rad Ultrasound, 2013;54(2):176-184. DOI: 10.1111/vru.12004.
- 45. Successful removal of a guidewire from the giugular vein of an adult horse. Nannarone S, Falchero V, Gialletti R, **Beccati F**, Pepe M. Equine Vet Educ, 2013;25: 173-176. DOI:10.1111/j.2042-3292.2012.00397.x
- 46. Bilateral rupture of the palmar carpal ligament in a horse suffering from acute diaphragmatic hernia. M Pepe, **F Beccati**, R Gialletti, F Moriconi. J Equine Vet Sci, 2013;33(1): 57-61. DOI: 10.1016/j.jevs.2012.04.004.
- 47. Apophyseal avulsion fracture of the greater trochanter of the femur in a Thoroughbred filly. **Beccati F**, Pepe M, Nannarone S, Tamantini C, Gialletti R. Vet Comp Orth Traumat, 2012;25(4): 342-347. DOI: 10.3415/VCOT-11-11-0164.
- 48. Gambling on putative biomarkers of osteoarthritis and osteochondrosis by equine synovial fluid proteomics. Chiaradia E, Pepe M, Tartaglia M, Scoppetta F, D'Ambrosio C, Renzone G, Avellini L, Moriconi F, Gaiti A, Bertuglia A, **Beccati F**, Scaloni A. Journal of Proteomics, 2012;75: 4478-4493. doi:10.1016/j.jprot.2012.02.008
- 49. La tomografia computerizzata per la valutazione di alcune patologie della testa in 11 cavalli. (Computed tomography for evaluation of head disease in 11 horses) **Beccati F**, Pepe M, Nannarone S, Angeli G, Bazzica C, Cercone M, Gialletti R. Ippologia, 2012; 23(1): 3-17.
- 50. Ovariectomia per via laparoscopica mediante LigasureTM in cavalle in stazione quadrupedale (Standing laparoscopic ovariectomy in mares using LigasureTM) Gialletti R, Nannarone S, Cercone M, Lotto E, **Beccati F**, Bazzica C, Pepe M. Ippologia, 2011;22(4): 25-31.
- 51. Radiographic evaluation of changes in the proximal phalanx of Thoroughbreds in race training. **Beccati F**, Pepe M, Di Meo A, Davanzo S, Moriconi F. Am J Vet Res, 2011;72: 1482-1488.
- 52. Is there a statistical correlation between ultrasonographic findings and definitive diagnosis in horses with acute abdominal pain? **Beccati F**, Pepe M, Gialletti R, Cercone M, Bazzica C, Nannarone S. Equine Vet J. 2011; 43 (Suppl 39): 98-105. Corrigendum, Equine Vet J 2012;44: 120-122.
- 53. Comminute basilar skull fracture in a colt: use of computed tomography to aid the diagnosis. **Beccati** F, Angeli G, Secco I, Contini A, Gialletti R, Pepe M. Equine Vet Educ, 2011;23: 327-332.
- 54. Correlazione tra alcuni fattori di rischio e prognosi nelle infezioni sinoviali del cavallo: studio retrospettivo. (Risk factors related to synovial infection in the horse: a retrospective study) **Beccati F**, Pepe M, Passamonti F, Tamantini C, Secco I, Bazzica C, Masi VM, Coppola G, Gialletti R. Ippologia 2010;21(4): 11-20.

55. Venti anni di pre-visite ed assistenza veterinaria al Palio di Siena: Dove siamo arrivati?" (Twenty years of pre-race examinations and veterinary assistance during the Palio of Siena: where we are?) Pepe M, Reitano M, Magnaghi N, Ciampoli R, Roghi M, **Beccati F**. Il Cavallo nel Palio di Siena (The horse in the Siena's Palio). Supplemento di Ippologia, Anno 19, n. 4, Dicembre 2008.

Invited Publications

• Technical innovation in equine radiology: what's changed? Beccati F. Vet Rec 2016, 178:528-530.

Publications on meeting proceedings (Invited Speaker)

• Individual variation of radiological findings in the caudal cervical vertebrae and the first thoracic vertebrae. Beccati F. XXII Tagung Über Pferdekrankheiten, Essen, 24-25 March, 2017, Germany. pp: 72-75.

Invited speaker at national/international meetings

- December 11th, 2021: Malattie dell'apparato locomotore del cavallo: fattori predisponenti, sintomatologia, diagnosi e terapia. Il Benessere del Cavallo Sportivo tra patologie indotte, salvaguardia dell'ambiente e sicurezza degli operatori (Equine Locomotor Pathologies: predisposing factors, clinical signs, diagnosis and treatment. Sports Horse Welfare between sports-related injuries, environment protection and insiders' safety). Webinar online, 2nd Edition.
- September 25th-27th, 2021: Instructor at Orthopedic Case Days Is it the neck?, Bonn, Germany.
- February 19th, 2021: Patologie della pelvi nel puledro. Come affrontarle. (Disease of the pelvis in young horses. How to approach.) National Congress of Italian Society of Equine Practitioners (SIVE). Webinar on-line.
- November 28th, 2020: Malattie dell'apparato locomotore del cavallo: fattori predisponenti, sintomatologia, diagnosi e terapia. Il Benessere del Cavallo Sportivo tra patologie indotte, salvaguardia dell'ambiente e sicurezza degli operatori. Equine Locomotor Pathologies: predisposing factors, clinical signs, diagnosis and treatment. Sports Horse Welfare between sports-related injuries, environment protection and insiders' safety). Webinar online.
- February16th, 2018: No foot no horse. Il piede equino: analisi ed interpretazione delle immagini radiografiche. Rome, Italy
- *March* 15th 17th, 2017: Speaker at Theorical course for expert of Murgese breed organized by A.I.A, ARA Toscana and ANAMF.
- May 16th-17th, 2015: Equine neurology- a 2 day practical course. Main Speaker: S.M. Reed. Presentation on: Radiography and Ultrasonography of the cervical spine: techniques and ultrasound-guided injection of the articular facets.
- November 27th, 2010: attended at the Seminar on "Disease of the head of the Horse" presented by Dr. Giorgio Ricardi, Dr. Barbara Riccio, Dr. Fernando Canonici, Dr. Davide Zani, **Dr. Francesca Beccati.** Parma, Italy.

Publications on meeting proceedings (short-communications- author presenter)

• Effect of environment, horse and type of incremental fSET on blood lactate in endurance horses. A. Paris, L. Accorroni, **F. Beccati**, M. Pepe, K. Cappelli, E. Chiaradia, S. Mecocci, A. Toglioloni, F. Passamonti, M. Cercone. 11th International Conference on Equine Exercise Physiology, 26 June - 1 July, 2022, in Uppsala, Sweden.

- Radiographic findings and anatomical variations of the caudal cervical area in horses with malalignment, cervical pain and ataxia and control horses: cross-sectional study on 228 cases. **Beccati F**, Pepe M, Santinelli I, Gialletti R, Di Meo A, Romero JM. *16th Word Equine Veterinary Association Congress*, Verona (Italy), Ottobre 3-5, 2019. pp 313.
- Circulating microRNAs expression in fit endurance horses during 90 km competition. Beccati F, Cappelli K, Capomaccio S, Viglino A, Silvestrelli M, Moscati L, Chiaradia E. 10th International Conference on Equine Exercise Physiology, Lorne (Australia) November 12th-16th, 2018. Comp Exerc Phys 2018; 14(S1): S32.
- Comparison between computed tomography and radiography for distal tarsal bone abnormalities. Beccati
 F, Canonici P, Canonici F, Gialletti R, Pepe M. Proceedings of XXIII International Congress of the Italian
 Society of equine Practitioners (SIVE) 2017, Napoli (Italy), October 6th -7th 2017. pp 277-278.
- Computed tomographic features of sclerosis and focal lesions of the equine distal tarsal bones: comparison with radiography. Beccati F, Canonici P, Arcelli R, Moriconi F, Pepe M. Proceedings of LXXI Annual Meeting of the Italian Society for Veterinary Science 2017, Napoli (Italy), June 28th-July 1st, 2017. pp 102.
- Sympathetic innervation and adrenergic receptors in the equine deep digital flexor tendinopathy. **Beccati** F, Pepe M, Chiaradia E, Antinori L, Pascucci L, Mancini F, Mandara MT. *Proceedings of LXX Annual Meeting of the Italian Society for Veterinary Science 2016*, Palermo (Italy), June 13th-16th, 2016. pp 173-174.
- Adrenal glands ultrasonography: appearance in healthy and sick neonatal foals. **Beccati F**, Lauteri E, Cercone M, Corsalini J, Gialletti R. European Veterinary Conference Voorjaarsdagen, 14th-16th April 2016, The Hague, The Nederlands.
- Sympathetic innervation and adrenergic receptors in the equine deep digital flexor tendon. **Beccati F**, Pepe M, Pascucci L, Ceccarelli P, Chiaradia E, Mancini F, Mandara MT. European Veterinary Conference Voorjaarsdagen, 17th-19th April 2014, Amsterdam, The Nederlands. pp. 289.
- Reperti ultrasonografici in corso di sepsi sinoviale nel cavallo e nel puledro (Ultrasonographic findings of synovial sepsi in horses and foals). **Beccati F**, Cercone M, Tamantini C, Passamonti F, Nannarone S, Pepe M. *Proceedings of* XX *National Congress of SIVE*, Milan, February 7th-9th, 2014. pp 298-299.
- Ultrasonographic findings in horses with septic arthritis/tenosynovitis: preliminary results. **Beccati F**, Pepe M, Passamonti F, Nannarone S, Gialletti R, Di Meo A. *Proceedings of LXVII Annual Meeting of the Italian Society for Veterinary Science 2013*, Brescia (Italy), September 16th-19th, 2013. pp 209.
- Studio morfologico radiografico sulle ossa sesamoidi dell'arto anteriore in un gruppo di Purosangue inglese in allenamento (Morphologic radiographic study of the proximal sesamoid bones in Thoroughbred racehorses). Beccati F, Pepe M, Gialletti R, Giontella A, Davanzo S, Arcelli R, Di Meo A. Proceedings of LXVI Annual Meeting of the Italian Society for Veterinary Science 2012, Rome (Italy), September 12th-15th, 2012. pp 52.
- Studio comparativo tra esame ecografico e radiografico per la diagnosi di osteocondrosi dell'articolazione femoro-patellare in un gruppo di cavalli di 12-18 mesi (Comparative assessment between ultrasonography and radiography to detect osteochondral lesions in the femoropatellar joint of yearling horses). **Beccati F**, Pepe M, Dante S, Lotto E, Moriconi F. *Proceedings of* LXV *Annual Meeting of the Italian Society for Veterinary Science 2011*, Tropea-Drapia (Italy), September 7rd-10st, 2011. pp 294.
- Development of first phalanx osseous cyst-like lesion after fracture repair: two cases. **Beccati F**, Pepe M, Gialletti R, Puccetti M, Tamantini C, Nannarone S. Proceedings of 3rd Word Veterinary Orthopaedic Congress, ESVOT-VOS, 15th ESVOT Congress, Bologna, Italy, September 15th-18th, 2010, pp: 538-539.
- Aspetti Clinici e Diagnostici di una frattura di Salter-Harris tipo II del grande trocantere in uno Yearling (Clinical and Diagnostic findings in a Yearling with Salter-Harris type II fracture of the Great Trochanter) Tamantini C, **Beccati F**, Pepe M, Gialletti R, Cercone M, Nannarone S, Moriconi F. 17th Annual Congress of Italian Society of Veterinary Surgery, Olbia (Italy), June 24th-26th, 2010.
- Studio radiografico preliminare sulle modificazioni morfologiche della prima falange in un gruppo di cavalli purosangue inglese (Preliminary radiographic study of the first phalanx changes in a group of

Thoroughbred Racehorses). **Beccati F**, Davanzo S, Di Meo A, Moriconi F, Pepe M. *Proceedings of the LXIII National Congress of Italian Society of Veterinary Science, Udine (Italy), September 16th-18th, 2009.*

Publications on meeting proceedings (short-communications- author non-presenter)

- Characteristics of the horses' gait during swimming exercise in a circular swimming pool. I. Grossi, G. Merluzzi, F. **Beccati**, M. Pepe. 11th International Conference on Equine Exercise Physiology, 26 June 1 July, 2022, in Uppsala, Sweden.
- Orthopaedics sports-related injuries in endurance horses in Italy. Paris A, **Beccati F**, Pepe M. 26° *International Congress of SIVE*, Bologna, 28-29 January, 2022.
- Assessment of serum amyloid A (SAA) and fibrinogen plasma concentration in healthy, septioc and sick non-septic neonatal foals. Lauteri E, Prato S, Beccati F, Pepe M, Gialletti R, Nannarone S, Passamonti F. 16th Word Equine Veterinary Association Congress, Verona (Italy), Ottobre 3-5, 2019. pp 336.
- Modulation of circulating miRNA in response to the metabolic imbalance due to long-term exercise in the athlete horse. Cappelli K, Capomaccio S, Beccati F, Chiaradia E, Mecocci S, Silvestrelli M. Atti del LXXIII Congresso Annuale della Società Italiana delle Scienze Veterinarie 2019, Olbia (Italy), Giugno 19-22, 2019.
- Radiographic study of the thoracolumbar spine in Thoroughbred yearling. Pressanto MC, Beccati F, Di Meo A, Pepe M. Atti del LXXII Congresso Annuale della Società Italiana delle Scienze Veterinarie 2018, Torino (Italy), Giugno 20-22, 2018.
- Comparazione tra immagini radiografiche ed ecografiche del torace nel cavallo: studio retrospettivo. Lauteri E, Gialletti R, Nannarone S, Pepe M, Pressanto MC, **Beccati F**. *Proceedings of XXIII International Congress of the Italian Society of equine Practitioners (SIVE) 2017*, Napoli (Italy), October 6th -7th 2017. pp 301-302.
- Effects on pain control of two different doses of intra-articular tramadol in horses after arthroscopic surgery. Nannarone S, Pepe M, Menchetti L, Vuerich M, **Beccati F**, Gialletti R, Chiaradia E. *Proceedings of XXIII International Congress of the Italian Society of equine Practitioners (SIVE) 2017*, Napoli (Italy), October 6th -7th 2017. pp 303-304.
- Endoscopia dinamica nel cavallo sportive: analisi retrospettiva. Pressanto MC, **Beccati F**, Gialletti R, Lauteri E, Nannarone S, Pepe M. *Proceedings of XXIII International Congress of the Italian Society of equine Practitioners (SIVE) 2017*, Napoli (Italy), October 6th -7th 2017. pp 307-308.
- Circulating micro RNA sas novel biomarkers of training adaptation and stress in endurance horses. Cappelli K, Capomaccio S, Viglino A, **Beccati F**, Silvestrelli M, Moscati L, Chiaradia E. *Proceedings of LXXI Annual Meeting of the Italian Society for Veterinary Science 2017*, Napoli (Italy), June 28th-July 1st, 2017. pp 46.
- Overground endoscopy findings in racehorses: a retrospective analysis. Pressanto MC, **Beccati F**, Gialletti R, Bellezza E, Nannarone S, Pepe M. *Proceedings of LXXI Annual Meeting of the Italian Society for Veterinary Science 2017*, Napoli (Italy), June 28th-July 1st, 2017. pp 103.
- Traumatic injuries in foals: a 45 case retrospective study. Corsalini J, Fusco A, Pepe M, Gialletti R, **Beccati F**. *Proceedings of* LXX *Annual Meeting of the Italian Society for Veterinary Science 2016*, Palermo (Italy), June 13th- 16th, 2016. Pp 208-209.
- Adrenal gland ultrasonography in neonatal foals: interobserver agreement. Lauteri E, Cercone M, Gialletti R, Corsalini J, Beccati F. *Proceedings of LXX Annual Meeting of the Italian Society for Veterinary Science 2016*, Palermo (Italy), June 13th- 16th, 2016. Pp 171-172.
- Partial ileal bypass as treatment of ileal obstruction: short and long term follow-up in 8 cases. Pilati N, Pepe M, **Beccati F**, Nannarone S, Vuerich M, Corsalini J, Santinelli I, Lotto E, Gialletti R. *Proceedings of XXI National Congress of SIVE*, Pisa, 6th-8th February 2015. pp.:231-232.
- Report of myasis by larvae of rhinoestrus purpureus (diptera, oestridae) in a horse in umbria (central italy). Morganti G, Principato M, Rueca F, Gialletti R, Busechian S, **Beccati F**, Moretta I. *Proceedings of*

- LXIX Annual Meeting of the Italian Society for Veterinary Science 2015, Perugia, (Italy) 15th-17th June 2015. pp.:163.
- Ultrasonographic findings in horses with tenosynovities of the digital flexor tendon sheath: sensitivity of this diagnostic tecnique in identification of sepsis and tendon injuries. Santinelli I, **Beccati F**, Moriconi F, Dante S, Pilati N, Arcelli R, Pepe M. *Proceedings of LXIX Annual Meeting of the Italian Society for Veterinary Science 2015*, Perugia, (Italy) 15th-17th June 2015. pp.:173.
- Surgical treatment of an abdominal abscess caused by a foreign body involving the spleen and the large colon: a case report. Pilati N, Gialletti R, Vuerich M, Corsalini J, Beccati F, Santinelli I, Dante S, Nannarone S. *Proceedings of LXIX Annual Meeting of the Italian Society for Veterinary Science 2015*, Perugia, (Italy) 15th-17th June 2015. pp.:175.
- Solar foot penetrating injury in a horse: the use of computed tomography to get the diagnosis and to aid the surgical approach. Santinelli I, **Beccati F**, Angeli G, Vuerich M, Pilati N, Lotto E, Corsalini J, Nannarone S, Gialletti R, Pepe M. *Proceedings of LXVIII Annual Meeting of the Italian Society for Veterinary Science 2014*, Pisa, (Italy) 16th-18th June 2014. pp.:84.
- Uteropexy in 3 mares using an absorbable suture with unidirectional shallow barbs. Corsalini J, Gialletti R, Vuerich M, Pepe M, **Beccati F**, Lotto E, Santinelli I, Pilati N, Di Meo A, Nannarone S. *Proceedings of LXVIII Annual Meeting of the Italian Society for Veterinary Science 2014*, Pisa, (Italy) 16th-18th June 2014. pp.:85.
- Ureter damage after surgical removal of a large granulosa theca cell tumor (GCT) in a mare. Vuerich M, Gialletti R, Pilati N, Pepe M, Corsalini J, Santinelli I, Lotto E, **Beccati F**, Sforna M, Nannarone S. *Proceedings of LXVIII Annual Meeting of the Italian Society for Veterinary Science 2014*, Pisa, (Italy) 16th-18th June 2014. pp.:88.
- Partial ileal bypass as treatment of ileal obstruction: short and long term follow-up in 8 cases. Pilati N, Pepe M, Nannarone S, **Beccati F**, Vuerich M, Santinelli I, Corsalini J, Di Meo A, Lotto E, Gialletti R. *Proceedings of LXVIII Annual Meeting of the Italian Society for Veterinary Science 2014*, Pisa, (Italy) 16th-18th June 2014. pp.:91.
- Radiologic anatomic variation of the caudal cervical vertebrae in horses: preliminary results. Santinelli S,
 Beccati F, Gialletti R, Nannarone S, Pepe M. Proceedings of LXVII Annual Meeting of the Italian Society for Veterinary Science 2013, Brescia (Italy), September 16th-19th, 2013. pp 207.
- Postoperative fewer in the horse: relevance of piroplasmosis among the differential diagnosis. Lotto E, Gialletti R, Beccati F, Tramutola M, Pepe M, Moriconi F, Nannarone S. Proceedings of LXVII Annual Meeting of the Italian Society for Veterinary Science 2013, Brescia (Italy), September 16th-19th, 2013. pp 215.
- Septic tenosynovitis caused by porcupine quills: diagnosis, treatment and long term outcome in 7 horses. Pilati N, **Beccati F**, Pepe M, Gialletti R, Bufalari A, Nannarone S, Moriconi F. *Proceedings of LXVII Annual Meeting of the Italian Society for Veterinary Science 2013*, Brescia (Italy), September 16th-19th, 2013. pp 210.
- Correlazione tra valutazione clinica della mobilità del collo e rilievi radiografici delle faccette articolari cervicali: risultati preliminari (Correlation between flexibility of the neck and radiografic findings of facet joints of cervical vertebra: preliminary results). Santinelli I, Beccati F, Pepe M. Proceedings of the XIX National Congress of SIVE, Arezzo, February 1st-3rd, 2013. pp 344-345.
- Studio sulla sensibilità dell'esame ecografico dell'addome per il rilievo di liquido peritoneale nel cavallo: risultati preliminari (Study about sensitivity of abdominal ultrasonography to detect peritoneal fluid in horses: preliminary results). Pepe M, **Beccati F**, Nannarone S, Lotto E, Bazzica C, Cercone M, Gialletti R, Moriconi F. *Proceedings of LXVI Annual Meeting of the Italian Society for Veterinary Science 2012*, Rome (Italy), September 12th-15th, 2012. pp 51.
- Proteomica applicata allo studio dell'osteoartrite equina: analisi del liquido sinoviale (Proteomic for equine osteoarthritis: synovial fluid analysis). Scoppetta F, Tartaglia M, Pepe M, Scaloni A, D'Ambrosio C,

- Renzone G, Avellini L, Moriconi F, Gaiti A, Masi VM, **Beccati F**, Nannarone S, Chiaradia E. *Proceedings of the XVIII National Congress of SIVE*, Bologna, February 3rd-5th, 2012. pp 210-211.
- Rilievi ultrasonografii dei muscoli crico-aritenoidei in un gruppo di yearling purosangue inglese (Ultrasonographic findings of cricoaritenoid muscles in thoroughbred yearlings). Pepe M, Cercone M, **Beccati F**, Angeli G, Nannarone S, Gialletti R. *Proceedings of the XVIII National Congress of SIVE*, Bologna, February 3rd-5th, 2012. pp 198-199.
- Uso dell'ecografia in corso di sindrome colica nel cavallo: studio retrospettivo su 158 casi chirurgici (Use of diagnostic ultrasonography in horses with colic: retrospective study on 158 surgical cases). Pepe M,
 Beccati F, Gialletti R, Cercone M, Bazzica C, Lotto E, Prato S, Nannarone S, Moriconi F. *Proceedings of LXV Annual Meeting of the Italian Society for Veterinary Science 2011*, Tropea-Drapia (Italy), September 7th-10th, 2011. pp 318.
- Studio comparativo tra esame ecografico e radiografico per la determinazione delle lesioni osteocondrali nell'articolazione femoro-patellare in un gruppo di cavalli yearling Purosangue Inglese: dati preliminari. (Comparative assessment between radiography and ultrasonography to detect osteochondrosis in thoroughbred yearling: preliminary results). Dante S, **Beccati F**, Masi VM, Pepe M. *Proceedings of the XVII National Congress of SIVE*, Montesilvano d'Abruzzo (Pescara), February 4th-6th, 2011. pp 258-259.
- Sedazione profonda per chirurgie in stazione quadrupedale nel cavallo: due protocolli a confronto (Deep sedation for standing surgery in the horse: comparison between two protocols). Nannarone S, Cercone M, Bazzica C, **Beccati F**, Prato S, Bufalari A, Gialletti R. Proceeding of LXIV National Congress of Italian Society of Veterinary Science, Asti (Italy), September 9th-11th, 2010.
- Fibroma pericarpico in un cavallo Anglo Arabo (Pericarpic fibroma in a anglo-arabian horse: case report) Lotto E., **Beccati F.**, Bazzica C., Gialletti R., Pepe M., Di Meo A. 17th Annual Congress of Italian Society of Veterinary Surgery, Olbia (Italy), June 24th-26th, 2010.
- Valutazione di alcuni fattori che influenzano la prognosi a breve termine in corso di sepsi articolare nel puledro: studio retrospettivo (Evaluation of some factors influencing short term outcome of septic arthritis in foals: retrospective study). Bazzica C, Tamantini C, Cercone M, Nannarone S, **Beccati F**, Masi VM, Passamonti F, Pepe M. Proceedings of the XVI National Congress of SIVE, Marina di Carrara (Carrara), January 29th-31st, 2010.
- Incidenza delle infezioni della celiotomia nel cavallo: due tecniche di chiusura a confronto (Study on infection's incidence for median ventral celiotomy in the horse: two closure techniques). Gialletti R, Secco I, Nannarone S, Cercone M, <u>Beccati F</u>, Masi VM, Bazzica C, Pepe M. *Proceedings of the XV SIVE Congress, Bologna (Italy), January 23rd-25th, 2009.*

Publications on meeting proceedings (poster)

- Plantar fasciitis in 18 endurance horses: diagnosis, treatment and follow-up. Paris A, **Beccati F**, Pepe M. 26° *International congress of SIVE*, Bologna, 28-29 January, 2022. pp: 367-368.
- Uncommon fracture of the ischium and /or pubis bone: a case series. Pressanto MC, Pepe M, **Beccati F**. *16th Word Equine Veterinary Association Congress*, Verona (Italy), Ottobre 3-5, 2019. pp 438.
- Ultrasonographic objective measurements of adrenal glands in neonatal foals: technique and results in Thoroughbred and Standardbred. Lauteri E, **Beccati F**, Mariella J, Castagnetti C, Gialletti R, Freccero F. *Proceedings of XXI National Congress of SIVE, Cremona, 12-13 October.* pp: 367-368.
- Comparison between radiography and ultrasonography in the equine thoracic disease: a retrospective study. Lauteri E, Gialletti R, Nannarone S, Di Meo A, Bufalari A, **Beccati F**. *Proceedings of LXXI Annual Meeting of the Italian Society for Veterinary Science 2017*, Napoli (Italy), June 28th-July 1st, 2017. pp 254.
- A Standardized ultrasonographic examination of laparotomy wounds to detect early signs of infection in horse: preliminary results. Pilati N, Gialletti R, Di Meo A, **Beccati F**, Corsalini J, Pepe M. *Proceedings of LXX Annual Meeting of the Italian Society for Veterinary Science 2016*, Palermo (Italy), June 13th- 16th, 2016. Pp 525-526.

- Influence of neck position on most common radiographic measurements performed in the cervical spine of the horse. Santinelli I, **Beccati F**, Moriconi F, Pepe M. *Proceedings of LXX Annual Meeting of the Italian Society for Veterinary Science 2016*, Palermo (Italy), June 13th- 16th, 2016. Pp 531-532.
- Expression Profiling of Horse Circulating miRNAs after Endurance Competition. Capomaccio S, Chiaradia E, **Beccati F**, Silvestrelli M, Moscati L, Mancini F, Cappelli K. Proceeding of XXIV Plant & Animal Genome Conference. San Diego, 9th-13th January 2016. https://pag.confex.com/pag/xxiv/webprogram/Paper20432.html
- Cause di eliminazione in gare di endurance riservate ai giovani cavalli in italia nel periodo 2004-2013: studio epidemiologico (Elimination reasons in endurance competition reserved to young italian horses between 2004-2013: epidemiologic study). **Beccati F**, Conte M. *Proceedings of XXI National Congress of SIVE*, Pisa, 6th-8th February 2015. pp.:260-261.
- Utilizzo dell'urografia a due fasi tramite tomografia spirale per la diagnosi di rottura ureterale in un puledro di 6 giorni (The use of multi-phase computed tomographic urography in the diagnosis of ureteral tear in a 6-day-old foal). **Beccati F**, Angeli G, Cercone M, Santinelli I, Nannarone S, Lotto E, Pepe M. *Proceedings of* XXI *National Congress of SIVE*, Pisa, 6th-8th February 2015. pp.:268-269.
- Eye enucleation and application of a silicone prosthesis in 20 standing horses. Corsalini J, Gialletti R, Pepe M, Lotto E, **Beccati F**, Pilati N, Santinelli I, Vuerich M, Nannarone S. *Proceedings of XXI National Congress of SIVE*, Pisa, 6th-8th February 2015. pp.:301-302.
- Rilievi ecografici in corso di tenosinovite della guaina digitale del cavallo: sensibilità di questa tecnica diagnostica nell'identificazione delle sepsi e delle lesioni tendinee (Ultrasonographic findings of digital tendon sheath tenosynovitis: sensitivity of ultrasound examination to detect infection and tendons injuries). Santinelli I, **Beccati F**, Gialletti R, Vuerich M, Pilati N, Pepe M. *Proceedings of XXI National Congress of SIVE*, Pisa, 6th-8th February 2015. pp.:303-304.
- Piroplasmosis as differential diagnosis of post operative pyrexia in surgical colic patients. Lotto, E., Cercone, M., Dante, S., **Beccati, F**., Nannarone, S., Pepe, M., Gialletti, R. *Proceeding of the XI Colic Research Symposium*, Dublin, July 7th-10th, 2014.
- Enfisema bolloso con emorragia conseguenza di trauma toracico in un cavallo adulto (Bullous enphisema after thoracic trauma in an adult horse). **Beccati F**, Bazzica C, Lotto E, Lepri E, Gialletti R. *Proceedings of XX National Congress of SIVE*, Milan, February 7th-9th, 2014. pp 321-322.
- Variazioni anatomiche delle vertebre cervicali caudali e della prima vertebra toracica: studio radiograpico. Santinelli I, **Beccati F**, Gialletti R, Pepe M. *Proceedings of XX National Congress of SIVE*, Milan, February 7th-9th, 2014. pp 342-343.
- Septic tenosynovitis caused by porcupine quills: diagnosis, treatment and long term outcome in 7 horses. Pilati N, **Beccati F**, Gialletti R, Moriconi F, Nannarone S, Pepe M. *Proceedings of XX National Congress of SIVE*, Milan, February 7th-9th, 2014. pp 344-345.
- Correlazione tra parametri ecografici e "pain score" post-operatori in cavalli operati per sindrome colica: risultati preliminari (Correlation between ultrasonographic findings and post-operative pain score in horses that underwent colic surgery: preliminary results). Lauteri E, Cercone M, Beccati F, Lotto E, Bazzica C, Nannarone S. Proceedings of the XIX National Congress of SIVE, Arezzo, February 1st-3rd, 2013. pp 422-423.
- Studio morfologico radiografico sulle ossa sesamoidi dell'arto anteriore in un gruppo di purosangue inglese in allenamento: risultati preliminari (Morphological radiographic study on proximal sesamoid bones in Thoroughbred racehorses in training). **Beccati F**, Pepe M, Davanzo S, Giontella A, Gialletti R. *Proceedings of the XVIII National Congress of SIVE*, Bologna, February 3rd-5th, 2012. pp 267-268.
- Un caso di cifosi secondaria a scoliosi congenita toracica (Ciphosis secondary to thoracic congenital scoliosis: case report). Dante S, **Beccati F**, Pepe M. *Proceedings of the XVIII National Congress of SIVE*, Bologna, February 3rd-5th, 2012. pp 259-260.

- Is there a statistical correlation between ultrasonographic findings and definitive diagnosis in horses with acute abdominal pain? **Beccati F**, Pepe M, Gialletti R, Cercone M, Bazzica C, Lotto E, Prato S, Nannarone S. *X Equine Colic research Symposium July*, 26th-28th 2011, Indianapolis, Indiana, USA. p. 198-199.
- Romifidine or detomidine continuous infusion for standing elective surgery in 78 horses. Nannarone S, Sommer L, Cercone M, **Beccati F**, Gialletti R. *Proceedings of AVA Spring Meeting 2011*, Bari (Italy), April 13rd-14th, 2011. pp 133.
- Rilievi ecografici e laparoscopici di un mesotelioma peritoneale in un cavallo criptorchide. (Ultrasonographic and laparoscopic findings of peritoneal mesotelioma in a criptorchid horse) Lipreri G, Gialletti R, Bazzica C, Cercone M, Lepri E, **Beccati F**, Nannarone S, Pepe M. Proceedings of the XVII National Congress of SIVE, Montesilvano d'Abruzzo (Pescara), February 4th-6th, 2011. pp 311-312.
- Fattori di rischio associati alle infezioni sinoviali nel cavallo: studio retrospettivo (Retrospective study on risk factors of synovial infections in horses). **Beccati F**, Gialletti R, Tamantini C, Secco I, Bazzica C, Masi VM, Coppola G, Pepe M. Proceedings of the XVI National Congress of SIVE, Marina di Carrara (Carrara), January 29th-31st, 2010.

Technical-scientific experiences during university

- October 2005 to September 2007: Intern student in the Hospital of the Faculty of Veterinary Medicine, University of Perugia, Italy, in the Large Animal Section (99 % equine; 1% bovine and small ruminants):
 - o practice and study of the main diagnostic imaging techniques (radiology and ultrasonography);
 - active participation in morning rounds, case discussions, hospitalized patients treatments, with night and weekend shafts;
 - study of lameness examination;
 - o study of surgical techniques (hard and soft tissues) and principles of anesthesiology.
- July 21-24, 2007: Assistant veterinarian at the "Assisi Endurance Lifestyle", Assisi (PG), Italy.
- June 12th-24th, 2006: Campus of University Studies at the Military Veterinary Center, Grosseto, Italy.
- September 2006: Assistant veterinarian at the Foligno "Quintana Jousting Tournament", Foligno, Italy.
- 2004-2005 (intermittent periods): field assistant experience with private practitioners: Dr. Cristiano Pasquini, DVM, equine orthopedics private practitioner, Rome and Lazio, Italy, Dr. Marcello Conte, DVM, equine orthopedics private practitioner, and Dr. Massimo Puccetti, DVM, PhD, equine orthopedics private practitioner, Umbria and Tuscany, Italy.

Previous experience removed.

Medical-scientific conferences attended

- UPPSALA ICEEP
- October 3rd -5th, 2019: Attended to 16° International Congress of World Equine Veterinary Association (WEVA), Verona, Italy.
- November 12th-16th, 2018: Attended to 10th International Conference on Equine Exercise Physiology, Lorne (Australia).
- February 16th, 2018: Attended to national Meeting No foot no horse. Fiera Roma Cavalli, Roma, Italy.
- October 6th-7th, 2017: Attended to XXIII International Congress of the Italian Society of Equine Practitioners (SIVE), Naples, Italy.
- June 28th-July 1st, 2017: Attended to LXXI Annual Meeting of the Italian Society for Veterinary Science 2017, Napoli, Italy.
- 24-25 March, 2017: Attended to International Congress XXII Tagung Über Pfederkrankheiten, Essen, Germany.
- June 13th- 16th, 2016: Attended to National Congress of Italian Society for Veterinary Science, Palermo (Italy).

- April 14th-16th, 2016: Attended to Voorjaarsdagen, European Veterinary Conference, The Hague, The Nederlands.
- *February 5th, 2016:* Attended to International Conference "Update in Equine Orthopaedics with Jean Marie Denoix, Rome, Italy.
- February 6th-8th, 2015: Participated in the XXI International Congress of the Italian Society of Equine Practitioners (SIVE), Pisa, Italy.
- April 17th-19th, 2014: Attended to Voorjaarsdagen, European Veterinary Conference, Amsterdam, The Nederlands.
- April 5th, 2014: Partecipated SIVE seminar "Guardare, analizzare, descrivere, interpretare, refertare: seminario teorico-pratico di radiologia equina. (Look, analyze, describe, interpret, report: theorical and practical equine radiology seminar" with Dr. Valeria Busoni, Cremona, Italy.
- February 7th-9th, 2014: Participated in the XX International Congress of the Italian Society of Equine Practitioners (SIVE), Assago (Mi), Italy.
- November 30th-December 1st, 2013: Partecipated in 3rd International CT-User Meeting, Ghent, Belgium.
- September 16th-19th, 2013: Partecipated in the LXVII Annual Meeting of the Italian Society for Veterinary Science (SISVet), Brescia, Italy.
- February 1st-3rd, 2013: Participated in the XIX International Congress of the Italian Society of Equine Practitioners (SIVE), Arezzo, Italy.
- September 12th-15th, 2012: Partecipated in the LXVI Annual Meeting of the Italian Society for Veterinary Science (SISVet), Rome, Italy.
- February 3rd-5th, 2012: Participated in the XVIII International Congress of the Italian Society of Equine Practitioners (SIVE), Bologna, Italy.
- December 15th-17th, 2011: Participated at VI Skive Resort Meeting (SIVE), Colfosco (BZ), Italy, with Dr. Sue Dyson.
- September 7th-10th, 2011: Partecipated in the LXV Annual Meeting of the Italian Society for Veterinary Science (SISVet), Tropea-Drapia, Italy.
- June 10th, 2011: Seminar on "Subchondral bone diseases and stress fractures in sports horses" presented by Dr. Massimo Puccetti e Dr. A. Nagy.
- February 3rd-5th, 2011: Participated in the XVIII International Congress of the Italian Society of Equine Practitioners (SIVE), Bologna, Italy.
- December 15th-17th, 2011: Participated in the VI Skive Resort Meeting (SIVE), Colfosco (BZ), Italy, presented by Dr. Sue Dyson.
- September 7th-10th, 2011: Partecipated in the LXV Annual Meeting of the Italian Society for Veterinary Science (SISVet), Tropea-Drapia (VV), Italy.
- June 10th, 2011: attended at the Seminar on "Subchondral bone diseases and stress fractures in sports horses" presented by Dr. Massimo Puccetti and Dr. A. Nagy.
- February 4th-6th, 2011: Participated in the XVII International Congress of the Italian Society of Equine Practitioners (SIVE), Montesilvano d'Abruzzo (Pescara), Italy.
- December 9th-11th, 2010: Participated in the V Skive Resort Meeting (SIVE), Colfosco (BZ), Italy, presented by Prof. D. Richardson.
- September 15th-18th, 2010: Participated in the 3rd Word Veterinary Orthopaedic Congress, ESVOT-VOS 15th ESVOT Congress, Bologna, Italy.
- June 24th-26th, 2010: participated at the National Congress of Italian Society of Veterinarian Surgery (SICV), Olbia, Italy.
- February 26th, 2010: attended at the Seminar on "Equine Emergency: emergency procedures", presented by Dr. Marco Pepe, Dr. Rodolfo Gialletti, Dr. Sara Nannarone, Rome, Italy.
- *January 29th-31st, 2010*: Participated in the XVI International Congress of the Italian Society of Equine Practitioners (SIVE), Massa Carrara, Italy.

- December 10th-12th, 2009: Participated in the IV Skive Resort Meeting (SIVE), Colfosco (BZ), Italy, presented by Pamela Wilkins.
- *November 29th, 2009:* attended at the Seminar on "The Carpus" presented by Dr. Marco Pepe, Dr. Giorgio Ricardi, Dr. Barbara Riccio, Dr. Fernando Canonici.
- October 24th, 2009: attended at the Seminar on "Sheaths and bursae diseases in horses" presented by Dr. Hendrickson, Villafranca (VR), Italy.
- September 24th, 2009: attended at the Seminar on "Proximal Metacarpal Diseases in endurance horses" presented by Dr. Massimo Puccetti, Dr. Denoix, Dr. Barbara Riccio, Dr. Rachel Murray.
- September 16th-18th, 2009: participated at the LXIII National Congress of Italian Society of Veterinarian Science (SISVet), Udine, Italy.
- December 11th-13th, 2008: Participated in the III Skive Resort Meeting (SIVE), Selva di Val Gardena, (BZ), Italy, presented by Dr. Sue Dyson.
- September 20th, 2008: participated in the Seminar: Abdominal ultrasonography of adult horses", Cremona, Italy.
- *January 25th-27th, 2008*: Participated in the XIV International Congress of the Italian Society of Equine Practitioners (SIVE), Venice, Italy.
- December 13th-16th, 2007: Participated in the II Skive Resort Meeting (SIVE), Colfosco, (BZ), Italy, presented by Prof. Jean-Marie Denoix.
- *January 13th-14th, 2007*: Participated in the Hippos 2007 International Congress of Equine Veterinarians and Farriers, Liege, Belgium.
- December 14th-16th, 2006: Participated in the I Skive Resort Meeting (SIVE), Selva di Val Gardena, (BZ), Italy, presented by Dr. Mike Ross.
- January 27th-29th, 2006: Participated in the XII International Congress of the Italian Society of Equine Practitioners (SIVE), Bologna, Italy.
- September 30th, 2005: Participated in the Seminar "Poor performance in athletic horse", organized by the Italian Society of Equine Veterinarians (SIVE), Verona, Italy.
- May 7th, 2005: Participated in the Seminar Diagnostic Approaches in Respiratory Diseases of Horses, organized by the Italian Society of Equine Veterinarians (SIVE), Perugia, Italy.
- *January 28th-30th, 2005*: Participated in the XI International Congress of the Italian Society of Equine Practitioners (SIVE), Pisa, Italy.

Training Courses

- September 13th-24th, 2021: "Equine MRI online". Royal Veterinary College
- February, 21-22, 2020: "Sport Horse Medicine and Orthopaedics" Hospital Clinico Veterinario, Cordoba, Spain.
- July 3rd-4th, 2018: "ISELP Advance Course Stifle and Thigh". Clinica Veterinaria Cascina Gufa, Italy.
- February 6th, 2016: Musculoskeletal ultrasound of the horse: foot, shoulder and pelvis. IV Reggimento Carabinieri a Cavallo, Rome, Italy.
- November 21st-23rd, 2014: "ISELP, Elbow and Shoulder". Clinique de Grosbois, France.
- November 22nd-24th, 2013: "ISELP, Stifle and Thigh". Lindehoeve Diergeneeskunde, The Nederlands.
- October 18th-19th, 2013: "Abdominal and thoracic ultrasonography". University of Perugia, Italy
- July 9th-11th, 2013: "ISELP, Foot and Pastern". Clinique de Grosbois, France.
- April 19th-21st, 2013: "ISELP, The Neck and Back". Bell Equine Clinic, UK.
- November 16th -18th, 2012: "ISELP, Hock and Crus". Clinique de Grosbois, France.
- August 31st-September 2nd, 2012: "ISELP, Distal Hindlimb". Clinica Veterinaria Cascina Gufa, Italy.
- April 19th-21st, 2012: "ISELP, The Pelvis". Bell Equine Clinic, UK.

- *March 1st-2nd*, 2012: "Equine Diagnostic Imaging Course: Head and Neck", The British Racing School, Newmarket, UK.
- June 21-23, 2011: "ISELP, From fetlock to carpus". Grosbois Equine Clinic, France.
- April 16-17, 2011: Instructor at SIVE course "Practical course of basic ultrasonography: metacarpal, pastern, fetlock and stifle regions", Perugia, Italy.
- November 25-26, 2010: "Advance Diagnostic Imaging and Forelimb Lameness" Rossdale, Newmarket, UK.
- November 13-14, 2010: Instructor at SIVE course "Clinical radiology part II: hindlimb", Rome, Italy.
- June 4-5, 2010: Instructor at "Corso Pratico di Radiologia Clinica. 1° parte: l'arto anteriore (Practical course of Clinical Radiology: part I: frontleg)", Perugia, Italy.
- July 31- August 1, 2009: "MRI in equine practice", Rossdale, Newmarket, UK.
- June 29-30, 2009: "Equine back, pelvis and neck", Ciralè, France.
- June 25-26, 2009: "Ultrasonographic Diagnosis of Joint Injuries in horses", Ciralè, France.
- May 14-16, 2009: "Equine musculoskeletal Ultrasonography", Rossdale, Newmarket, UK.
- April 17-18, 2009: "Equine musculoskeletal Ultrasonography", Torino, Italy.
- January 22-23, 2009: "Ultrasonographic Diagnosis: Distal limb and stifle" Ciralè, France.
- Course on veterinary radiology and radioprotection held in accordance with Legislative Decree 230/95, article 61, paragraph 3, item e, at the Faculty of Veterinary Medicine of the University of Perugia on April 1, 2008.
- Course on safety in the work place held in accordance with the Legislative Decree 626/94 at the Faculty of Veterinary Medicine of the University of Perugia, 2003.

Membership in professional organizations

- American College of Veterinary Sport Medicine and Rehabilitation (ACVSMR): since 2021
- European College of Veterinary Sport Medicine and Rehabilitation (ECVSMR): since 2021
- FEI- Federation Equestre International: Permitted Treating Vet since 2013
- Associate Veterinarian of Italian Federation of Equestrian Sports (FISE) since 2010
- Italian Society of Equine Practitioners (SIVE Società Italiana Veterinari per Equini): member since 2005.
- International Society of Equine Locomotor Pathology (ISELP) member since 2011
- European Large Animal Diagnostic Imaging Society (ELADIS) member since 2011
- Italian Society of Veterinary Science (SISVet): member since 2009

Languages

- Italian: mother tongue (excellent knowledge of medical scientific terminology)
- English:
 - a. Write: good knowledge (very good knowledge of medical scientific terminology);
 - b. Spoken: good knowledge (very good knowledge of medical scientific terminology);

Computer skills

- University's veterinary practice management software (Tele.Ma.Co.Pongo; SIOVUD)
- Microsoft Office: Word, Excel, Publisher, Power Point, Picture Manager
- R: statistic software
- JASP: statistical software
- Internet explorer

Personal details

Date of birth: August 18, 1983 Place of birth: Verona, Italy

Single Personal data: Citizenship: Italian

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