

Marco Gandini

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Laureato a Torino in Medicina Veterinaria nel 2002.

Ha praticato come ippiatra in Inghilterra fino al 2004 ed in Piemonte fino al 2011.

Tra il 2004 ed il 2009 ha conseguito il titolo di Dottore di Ricerca in Scienze Cliniche Veterinarie e lavorato come chirurgo a contratto presso l'Ospedale Didattico Veterinario della Facoltà di Medicina Veterinaria di Torino.

Dal 2011 è Ricercatore presso il Dipartimento di Scienze Veterinarie dell'Università di Torino, settore Clinica Chirurgica Veterinaria, dove è Coordinatore del Corso Integrato di Clinica Chirurgica Veterinaria 2.

Presso l'Ospedale Veterinario Universitario dello stesso Dipartimento si occupa di chirurgia d'urgenza, chirurgia addominale e dei tessuti molli nel cavallo e nel bovino.

E' autore di brevetti nazionali ed internazionali riguardanti sistemi e strumenti chirurgici.

E' autore di circa 40 pubblicazioni riguardanti la chirurgia veterinaria, e di numerose presentazioni a congressi nazionali ed internazionali di chirurgia veterinaria.

Principali interessi sono la chirurgia addominale e la laparoscopia nel cavallo, ma anche la chirurgia del bovino, oltre allo sviluppo di nuove tecniche e strumentazioni chirurgiche.

Principali pubblicazioni:

- Do different characteristics of two emasculators make a difference in equine castration? (2018) *Equine Veterinary Journal*, 50 (1), pp. 141-144.
- Single-port laparoscopic incisional hernia repair in a horse (2017) *Equine Veterinary Education*, 29 (7), pp. 362-366.
- Laparoscopic nephrosplenic space ablation with barbed suture in eight horses (2017) *Journal of the American Veterinary Medical Association*, 250 (4), pp. 431-436.
- Ex vivo comparison of the giant and transfixing knot in equine open and closed castration (2016) *Equine veterinary journal*, 48 (6), pp. 765-769.

- Clinical evaluation of a jejunojejunal end-to-end anastomosis with skin staples with or without coverage by a mesenteric flap (2016) *Equine Veterinary Education*, 28 (4), pp. 181-183.
- Effects of bit chewing on right upper quadrant intestinal sound frequency in adult horses (2014) *Journal of Equine Veterinary Science*, 34 (4), pp. 520-523.
- Parallel alternating sliding knots are effective for ligation of mesenteric arteries during resection and anastomosis of the equine jejunum (2014) *BMC Veterinary Research*, 10, art. no. S10, .
- Effects of staple size, tissue thickness, and precompression time on staple shape in side-to-side jejunocecal anastomosis in specimens obtained from healthy horses at an abattoir (2014) *American Journal of Veterinary Research*, 75 (7), pp. 680-684.
- In vitro description of a new technique for stapled side-to-side jejunocecal anastomosis in horses and CT scan anatomical comparison with other techniques (2014) *BMC Veterinary Research*, 10, art. no. S9
- Biomechanical comparison of four techniques for pelvic flexure enterotomy closure in horses (2013) *Veterinary Surgery*, 42 (7), pp. 892-897
- Field caesarean section in seven miniature horses and ponies (2009-2012) (2013) *Reproduction in Domestic Animals*, 48 (4), pp. e49-e51.
- Handsewn semiclosed single-layer jejunocecal side-to-side anastomosis in the horse. (2010) *Veterinary surgery : VS : the official journal of the American College of Veterinary Surgeons*, 39 (6), pp. 771-775.
- Transoral resection of persistent epiglottis frenulum in a foal [Resezione transorale del frenulo epiglottideo persistente in un puledro] (2007) *Ippologia*, 18 (2), pp. 5-8.

- Gandini, M. In vitro evaluation of a closed-bowel technique for one-layer hand-sewn inverting end-to-end jejunojunostomy in the horse (2006) *Veterinary Surgery*, 35 (7), pp. 683-688
- In vitro evaluation of an inverted end-to-end equine jejunojunal anastomosis using skin staples (2006) *Veterinary Surgery*, 35 (7), pp. 678-682.
- Comparison of three dorsal techniques for arthrocentesis of the distal interphalangeal joint in horses (2007) *Journal of the American Veterinary Medical Association*, 231 (2), pp. 254-258.
- Closure of a recurrent bladder rupture in a calf by means of a peritoneal flap: A case report (2016) *Veterinarni Medicina*, 61 (4), pp. 229-232.
- Mesh repair of a large ventral hernia with interposition of omentum in a calf: A case report (2016) *Veterinarni Medicina*, 61 (10), pp. 590-593.
- Ex Vivo Evaluation of Skin Staples for Typhlotomy Closure in Cattle (2015) *Veterinary Surgery*, 44 (6), pp. 751-755.
- Laparoscopic single-port ovariectomy and gastropexy in dogs [Laparoskopische single-port ovariektomie und gastropexie beim hund] (2016) *Schweizer Archiv fur Tierheilkunde*, 158 (11), pp. 755-758.
- A new technique for laparoscopic trocar site closure in dogs (2016) *Schweizer Archiv fur Tierheilkunde*, 158 (8), pp. 579-580.
- The surgeon's view: Comparison of two digital video recording systems in veterinary surgery (2015) *Journal of Veterinary Medical Education*, 42 (2), pp. 161-165.
- Validation of an effective, easy-to-make hemostasis simulator (2015) *Journal of Veterinary Medical Education*, 42 (1), pp. 85-88.

- Use of Elastrator® rings to repair umbilical hernias in young swine (2007) *Journal of Swine Health and Production*, 15 (2), pp. 92-95.
- Comparison of the effects of platelet-rich or growth factor-rich plasma on intestinal anastomosis healing in pigs (2017) *BMC Veterinary Research*, 13 (1), art. no. 188, .
- A new, easy-to-make pectin-honey hydrogel enhances wound healing in rats (2017) *BMC Complementary and Alternative Medicine*, 17 (1), art. no. 266, .
- A pectin-honey hydrogel prevents postoperative intraperitoneal adhesions in a rat model (2017) *BMC Veterinary Research*, 13 (1), art. no. 55, .
- Direct intraperitoneal resuscitation with lidocaine, methylene blue and pentoxiphylline combination does not decrease inflammation after intestinal ischemia-reperfusion injury in rats (2016) *Acta Cirurgica Brasileira*, 31 (5), pp. 333-337.