



Anna Cerullo

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ABOUT ME

DVM, PhD student in Veterinary Sciences for Animal Health and Food Safety at the University of Turin (November 2021-Ongoing). Anna's research interests include equine abdominal surgery and equine colic with a focus on prophylaxis and treatment of Surgical Site Infection. Her current project is about the use of honey-based membranes for prevention of Surgical Site Infections in rat models. Graduated from the University of Perugia (Italy).

EDUCATION AND TRAINING

Master's Degree in Veterinary Medicine

Department of Veterinary Medicine, University of Perugia [01/09/2014 – 20/05/2020]

Field(s) of study: Equine abdominal surgery; microbiology.

Final grade: 110/110 cum laude

Thesis: "Intra- and post- operative bacteriological surveys on the surgical site contamination in the horse"

Practical activities at Veterinary Teaching Hospital:

preparation of the patient and the surgical room, assistance during abdominal surgeries. Abdominal ultrasound check in hospitalized patients for colic syndrome. Daily controls of horses during postoperative period. Discussion of clinical cases.

High school degree in Human Sciences

Liceo delle scienze umane, E. Gianturco, Potenza [01/09/2008 – 07/07/2014]

WORK EXPERIENCE

PhD student

Department of Veterinary Sciences, University of Turin [01/11/2021 – Current]

City: Turin

Country: Italy

Project title: "Evaluation of the efficiency of honey-based devices in preventing and treating surgical site infections and in promoting the healing of incisional hernias in rat models"

Supervisor: Prof. Marco Gandini

Research fellowship

Department of Veterinary Sciences, University of Turin [03/07/2020 – 30/09/2021]

City: Turin
Country: Italy

Research Topic: "Evaluation of perioperative fluid therapy in horses hospitalized for colic syndrome and effect on complications"

Supervisor: Prof. Marco Gandini

Practical activities at Veterinary Teaching Hospital:

clinical evaluation of horses referred for colic pain. Assistance in equine colic surgeries. Daily controls of hospitalized patient.

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING B1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

DIGITAL SKILLS

Microsoft Office / Microsoft Word / Microsoft Powerpoint / Zoom / Microsoft Excel / Google Drive / Outlook / Social Media

PUBLICATIONS

Short-Term Survival and Postoperative Complications Rates in Horses Undergoing Colic Surgery: A Multicentre Study

[2023]

Spadari A, Gialletti R, Gandini M, Valle E, **Cerullo A**, Cavallini D, Bertoletti A, Rinnovati R, Forni G, Scilimati N, Giusto G. Short-Term Survival and Postoperative Complications Rates in Horses Undergoing Colic Surgery: A Multicentre Study. *Animals*. 2023; 13(6):1107. <https://doi.org/10.3390/ani13061107>

Ex vivo evaluation of a technique for equine jejunocecal anastomosis using radiofrequency thermofusion and a Cushing oversew

[2023]

Gandini M, **Cerullo A**, Gallo L, Iussich S, Minoli L, Giusto G. Ex vivo evaluation of a technique for equine jejunocecal anastomosis using radiofrequency thermofusion and a Cushing oversew [published online ahead of print, 2023 Mar 15]. *Vet Surg*. 2023;10.1111/vsu.13946. doi:10.1111/vsu.13946

Occurrence and Definitions of Intra and Postoperative Complications Related to Laparoscopy in Equids: A Scoping Review

[2022]

Cerullo A, Gandini M, Giusto G. Occurrence and Definitions of Intra and Postoperative Complications Related to Laparoscopy in Equids: A Scoping Review. *Vet Sci*. 2022;9(10):577. Published 2022 Oct 17. doi:10.3390/vetsci9100577

Changes in Perioperative Antimicrobial and Anti-Inflammatory Drugs Regimens for Colic Surgery in Horses: A Single Center Report

[2022]

Gandini M, **Cerullo A**, Franci P, Giusto G. Changes in Perioperative Antimicrobial and Anti-Inflammatory Drugs Regimens for Colic Surgery in Horses: A Single Center Report. *Veterinary Sciences*. 2022; 9(10):546. <https://doi.org/10.3390/vetsci9100546>

Scoping review: Occurrence and definitions of postoperative complications in equine colic surgery

[2022]

Gandini M, **Cerullo A**, Giusto G. Scoping review: Occurrence and definitions of postoperative complications in equine colic surgery [published online ahead of print, 2022 Oct 5]. Equine Vet J. 2022;10.1111/evj.13881. doi: 10.1111/evj.13881

Transillumination techniques for vessel identification during small colon resection in six horses

[2022]

Giusto G., **Cerullo A.**, Gandini M. Transillumination techniques for vessel identification during small colon resection in six horses [published online ahead of print, 2022 Aug 25]. J Equine Vet Sci. 2022;104113. doi:10.1016/j.jevs.2022.104113.

Comparison of Mesh and Barbed Suture for Laparoscopic Nephrosplenic Space Ablation in Horses

[2021]

Gialletti R., Nannarone S., Gandini M., **Cerullo A.**, Bertolotti A., Scilimati N., Giusto G. Comparison of Mesh and Barbed Suture for Laparoscopic Nephrosplenic Space Ablation in Horses. 2021. Animals 11, no. 4: 1096. <https://doi.org/10.3390/ani11041096>.

Incomplete Ileocecal Bypass for Ileal Pathology in Horses: 21 Cases (2012– 2019)

[2021]

Giusto G., **Cerullo A.**, Labate F., Gandini M. Incomplete Ileocecal Bypass for Ileal Pathology in Horses: 21 Cases (2012– 2019). 2021. Animals 11, no. 2: 403. <https://doi.org/10.3390/ani11020403>.

Gastric and Large Colon Impactions Combined With Aggressive Enteral Fluid Therapy May Predispose to Large Colon Volvulus: 4 Cases

[2021]

Giusto G., **Cerullo A.***, Gandini M. Gastric and Large Colon Impactions Combined With Aggressive Enteral Fluid Therapy May Predispose to Large Colon Volvulus: 4 Cases. J. Equine Vet. Sci. 2021. Vol. 102. <https://doi.org/10.1016/j.jevs.2021.103617>.

Surgical colic caused by fibrous bands and adhesions in absence of previous abdominal surgery: 9 cases (2011- 2019)

[2021]

Giusto G., **Cerullo A.**, Gandini M. Surgical colic caused by fibrous bands and adhesions in absence of previous abdominal surgery: 9 cases (2011- 2019). Equine vet edu. 2021. <https://doi.org/10.1111/eve.13487>.

CONFERENCES AND SEMINARS

Incidenza e definizioni di complicazioni intra e postoperatorie associate alla laparoscopia negli equidi

[Venice, Italy, 03/02/2023 – 04/02/2023]

Poster

28th SIVE International Congress

A. Cerullo, M. Gandini, G. Giusto. Incidenza e definizioni di complicazioni intra e postoperatorie associate alla laparoscopia negli equidi

Effects of low postoperative total plasma protein on outcome and short-term complications in horses undergoing surgery for small intestinal lesions

[Venice, Italy, 03/02/2023 – 04/02/2023]

Poster

28th SIVE International Congress

B. Dal Cero, M. Gandini, **A. Cerullo**, G. Giusto. Effects of low postoperative total plasma protein on outcome and short-term complications in horses undergoing surgery for small intestinal lesions

Sopravvivenza e complicazioni post-operatorie a breve termine in cavalli sottoposti a chirurgia di colica: studio multicentrico

[Rome, Italy, 28/10/2022 – 29/10/2022]

Oral Presentation

27th SIVE International Congress - FEEVA

G. Giusto, DMV, PhD, R. Gialletti, DVM, PhD, E. Valle, DVM, PhD, EBVS, **A. Cerullo**, DVM, R.

Rinnovati, DVM, PhD, G. Forni, DVM, D. Cavallini, DVM, PhD, A. Bertolotti, DVM, N. Scilimati, DVM,

M. Gandini, DVM, PhD, A. Spadari, DVM, PhD. Sopravvivenza e complicazioni post-operatorie a

breve termine in cavalli sottoposti a chirurgia di colica: studio multicentrico

Volvolo nodoso del piccolo intestino: differenze nel quadro clinico e nella patogenesi tra puledri e cavalli adulti (5 casi)

[Rome, Italy, 28/10/2022 – 29/10/2022]

Oral presentation (Prof. Gandini)

27th SIVE International Congress - FEEVA

M. Gandini, DVM, PhD, **A. Cerullo**, DVM, G. Giusto, DVM, PhD. Volvolo nodoso del piccolo intestino: differenze nel quadro clinico e nella patogenesi tra puledri e cavalli adulti (5 casi)

Management of hyperlipemia in ponies after colic surgery in according to energy balance.

[Venice, Italy, 03/02/2022 – 04/02/2022]

Poster

28th SIVE International Congress

C. Bordin, G. Giusto, M. Gandini, **A. Cerullo**, E. Valle. Management of hyperlipemia in ponies after colic surgery in according to energy balance.

Verifica dell'associazione tra il sovrappeso ed il rischio di infezioni incisionali in seguito a chirurgia di colica nel cavallo

[Bologna, Italy, 28/01/2022 – 29/01/2022]

Oral Presentation

26th SIVE International Congress

G. Giusto, DVM, PhD, E. Valle, DVM, PhD, EBVS® ESVCN, **A. Cerullo**, DVM, M. Gandini, DVM, PhD.

Verifica dell'associazione tra il sovrappeso ed il rischio di infezioni incisionali in seguito a chirurgia di colica nel cavallo.

Valutazione del rapporto tra lunghezza della sutura e lunghezza della ferita come fattore di rischio per l'infezione del sito chirurgico in seguito a laparotomia nei cavalli

[Bologna, Italy, 28/01/2022 – 29/01/2022]

Poster

26th SIVE International Congress

M. Gandini, A. Cerullo, G. Giusto. Valutazione del rapporto tra lunghezza della sutura e lunghezza della ferita come fattore di rischio per l'infezione del sito chirurgico in seguito a laparotomia nei cavalli

Confronto clinico tra sutura continua di lebert e graffe metalliche per le anastomosi termino-terminale digiuno-digiunale nei cavalli

[Bologna, Italy, 28/01/2022 – 29/01/2022]

Poster

26th SIVE International Congress

M. Gandini, **A. Cerullo**, G. Giusto. Confronto clinico tra sutura continua di lembert e graffe metalliche per le anastomosi termino-terminale digiuno-digiunale nei cavalli

Infezione incisionale in seguito a laparotomia d'urgenza nel cavallo

[Bologna, Italy, 28/01/2022 – 29/01/2022]

Poster

26th SIVE International Congress

M. Gandini, G. Giusto, **A. Cerullo**, N. Scilimati, A. Bertoletti, R. Gialletti. Infezione incisionale in seguito a laparotomia d'urgenza nel cavallo

HOBBIES AND INTERESTS

As a free time activity I am interested in wild herpetological fauna, conducting ecological observations, especially on snakes.

Publications:

1. Di Nicola M. R., Zabbia T., Mezzadri S., **Cerullo A.**, Bruni G. Male-male interactions in Alpine Salamanders, *Salamandra atra atra* (Laurenti, 1768), with an overview of the main cases reported for the genus *Salamandra* (Amphibia: Salamandridae). *Herpetology Notes*. 2022, 15:601-604.
2. Di Nicola M.R., Sicuro L., Fiorenza T., **Cerullo A.** Conferma di presenza del serpente gatto europeo, *Telescopus fallax* (Fleischmann, 1831), per la provincia di Gorizia (Serpentes, Colubridae). *Studi Trentini di Scienze Naturali*. 2021, 101: 87-89.