



AVA SPRING MEETING
 **2022** NAFPLIO

May 18th - 20th 2022

Fougaro Artcenter

NAFPLIO, GREECE

May 21st -22nd 2022

Post Congress Meeting for Greek Vets



Programme

Pre-congress day

Wednesday, May 18th, 2022 - Gallery Hall

Moderator: **Tilemahos Anagnostou**

- 09:30-10:15** Pulse Oxymetry: basics, techniques and technicalities **Peter Kronen**
- 10:15-11:00** Blood pressure: Can anybody ever know what is it? **Peter Kronen**
- 11:00-11:30 Coffee break
- 11:30-12:15** Blood gases analysis: quick and dirty! **Peter Kronen**
- 12:15-13:00** Terms and conditions (physiologic & pathophysiologic) - Interactive discussion around respiratory monitoring from A-Z **Martina Mosing**
- 13:00-14:00 Lunch break
- 14:00-14:45** Terms and conditions (physiologic & pathophysiologic) - Interactive discussion around respiratory monitoring from A-Z **Martina Mosing**
- 14:45-15:30** Terms and conditions (physiologic & pathophysiologic) - Interactive discussion around respiratory monitoring from A-Z **Martina Mosing**
- 20:00 Welcome party

Thursday, May 19th, 2022

08:50-09:00 Opening - Gallery Hall

Moderator: **Ioannis Savvas**

09:00-09:45 From One Health to One Welfare. A concept or a need? **Maria Linou**

09:45-10:30 What We Want and What We Can! - Respiratory Monitoring in Anaesthesia! **Martina Mosing**

10:30-11:00 Coffee break & Exhibition

11:00-11:45 What anaesthesia monitoring equipment actually makes a difference to equine anaesthesia?
Karen Blissitt

11:45-12:30 Further distraction or real help? Using advanced gas monitoring in clinics **Annete Kutter**

12:30-13:30 Lunch break - Poster session - AVA General Meeting

Gallery Hall

Moderator: **Paul MacFarlane**

13:30-13:45 **O59** - Effects of oral tasipimidine premedication on quality of anaesthesia induction and anaesthetic requirements with and without methadone and dexmedetomidine in Beagle dogs - Amon T., Kästner S., Söbbeler F., Tümsmeyer J., Saloranta L., Huhtinen M.

13:45-14:00 **O58** - Effects of tasipimidine pre-medication on blood pressure and perfusion in Beagle dogs anaesthetized with isoflurane with and without methadone and dexmedetomidine - Amon T., Huhtinen M., Tümsmeyer J., Noll M., Söbbeler F.-J., Saloranta L., Kästner S.

14:00-14:15 **O44** - Fast sequence intubation protocol in healthy dogs induced with propofol and rocuronium - Trenholme H.N., Sakai D.M., Craig H.N., Torpy F., Reed R.A.

14:15-14:30 **O56** - Evaluation of rocuronium-induced neuromuscular block on the patient state index in dogs anaesthetised with propofol - Sakai D., Reed R., Trenholme N., Torpy F., Craig H.A.

14:30-14:45 **O24** - An investigation into the detection of the pulse in conscious and anaesthetised dogs - Dagnall C., Wilson H., Khenissi L.

Hall 9

Moderator: **Polly Taylor**

O68 - A step forward in the fourth Confidential Enquiry into Perioperative Equine Fatalities (CEPEF4): data collection over 14 months using an internet-based method - Gozalo-Marcilla M., Bettschart-Wolfensberger R., Johnston M., Taylor P.M., Redondo J.I.

O69 - Mortality risks in horses undergoing standing sedation for surgery and advanced diagnostic imaging. Preliminary results of the fourth Confidential Enquiry into Perioperative Equine Fatalities (CEPEF4) - Gozalo-Marcilla M., Bettschart-Wolfensberger R., Johnston M., Taylor P.M., Redondo J.I.

O90 - Automated classification of behaviour in horses, preliminary results - Martin-Ciera A., Novak. M, Auer U.

O91 - Validation of a commercially available automated video tracking system for horses - Auer U., Ertelt K.

O92 - Influence of experimentally induced endotoxemia on microcirculatory variables in horses - Sauter P.K., Steblaj B., Kästner S.B.R., Söbbeler F.J., Reiners J., Kutter A.P.N., Gutiérrez Bautista A.J., Neudeck S.

14:45-15:00 **O26** - Optimisation of cat neutering anaesthesia protocols for use in the community - Holgate A.C.P., Yates D.G., White K.L. **O40** - Effects of endotracheal intubation on respiratory pattern and distribution of ventilation in anaesthetised horses - Moreno-Martinez F., Byrne D., Rasis A., Hosgood G., Waldmann A., Mosing M.

15:00-15:30 Coffee break & Exhibition

Moderator: **Olivier Levionnois**

Moderator: **Regula Bettschart-Wolfensberge**

15:30-15:45 **O57** - Propofol-induced reduction in the patient state index in dogs - Sakai D., Reed R., Trenholme N., Craig H.A., Torpy F.

O41 - Effect of ketamine on xylazine based sedation in horses during standing ventriculocordectomy and laryngoplasty - Granados M.M., Quirós S., Caravaca E., Sánchez de Medina A., Funes F.J., Medina F., Gómez-Villamandos R.J., Navarrete R.

15:45-16:00 **O23** - The effect of remifentanyl infusion on sevoflurane MAC_{NM} and bispectral index in dogs - Seddighi R., Geist A., Knych H., Sun X.

O53 - Comparison of iatrogenic trauma to the upper airway in horses during endotracheal intubation using 2 different sized endotracheal tubes - Sidhu ABS, Rosanowski SM, Taylor AH

16:00-16:15 **O70** - Association between body mass and hypotension in dogs under general anaesthesia: a retrospective study of 1789 cases - Miller L., Duncan J.C., Handel I.G., Shaw D.J., McKenzie H.E., Greenhalgh S.N.

O62 - Clinical comparison between subcutaneous and intramuscular repeated injection of dexmedetomidine in anaesthetized horses: preliminary investigation - Rabbogliatti V., Amari M., Brioschi F.A., Di Cesare F., Zani D.D., De Zani D., Ravasio G.

16:15-16:30 **O49** - Haemodynamic effects of pimobendan during general anaesthesia in dogs - Sández I., Redondo J.I., Gómez J.

O64 - The effect of morphine on mechanical nociceptive thresholds in donkeys - Maney J.K., Escobar A., Dziki B.T., Bennett R.C.

16:30-16:45 **O77** - The pre-operative use of two different types of insulin in diabetic dogs undergoing phacoemulsification surgery: preliminary results - Papastefanou A., Fustero C., Redondo J.I., Rioja E.

O66 - Comparison between the effects of two post-anaesthetic doses of medetomidine on characteristics of recovery from isoflurane anaesthesia in horses - Medina F., Navarrete R., Quirós-Carmona S., Sánchez de Medina A., Morgaz J., Caravaca E., Dominguez J.M., Granados M.M.

16:45-17:00 **O81** - Effect of gabapentin on propofol and isoflurane anaesthesia and perioperative analgesia in dogs - Georgiou S.G., Margeti C.D., Flouraki E., Meletis E.I., Pappa E.I., Sideri A.I., Galatos A.D.

O84 - Phenylbutazone, flunixin and meloxicam clinical efficacy for lameness and laminitis in horses - Scicluna C.

20:30 **Gala dinner**

Friday, May 20th, 2022

Gallery Hall

Moderator: **Apostolos Galatos**

- 09:30-10:15** Target-controlled infusion anaesthesia **Chrysanthi Sardeli**
- 10:15-11:00** Monitoring cardiovascular function using Doppler echocardiography; Can it guide management to improve outcomes? **Karen Blissitt**
- 11:00-11:30** Coffee break & Exhibition
- 11:30-12:15** Monitoring-based treatment of hypotension - the end of trial-and-error anaesthesia?
Annete Kutter
- 12:15-13:00** That's your problem - professional responsibility of Anaesthesia Specialists in Monitoring
Peter Kronen
- 13:00-14:30** Lunch break - Poster session

Gallery Hall

Moderator: **Rima Nadine Bektas**

- 14:30-14:45** **O29** - Can cat carers reliably assess acute pain in cats using the Feline Grimace Scale? A large bilingual global survey - Monteiro B.P., Lee N.H.Y., Steagall P.V.
- 14:45-15:00** **O54** - The effects of sedation with dexmedetomidine - butorphanol and anaesthesia with propofol-isoflurane on Feline Grimace Scale scores - Watanabe R., Monteiro B.P., Ruel H.L.M., Cheng A., Marangoni S., Steagall P.V.
- 15:00-15:15** **O85** - Construct validity, responsiveness, and reliability of the Feline Grimace Scale in kittens - Cheng A.J., Malo A., Garbin M., Monteiro B.P., Steagall P.V.
- 14:15-15:30** **O93** - Clinical Assessment of a supraglottic airway device in cats - Viscasillas J., Garcia A., Marti-Scharfhausen M., Cañon A., Hernandez E.Z., Martinez A., Redondo J.I.
- 15:30-15:45** **O27** - Epidural anaesthesia-analgesia in dogs undergoing cholecystectomy: a single centre retrospective study - Sambugaro B., De Gennaro C., Hattersley R., Vettorato E.

Hall 9

Moderator: **Ilaria Cerasoli**

- O30** - Economic and environmental impact of reducing fresh gas flow rates in one veterinary hospital - Khenissi L., McFadzean W.
- O95** - Carbon footprint of a canine tibial plateau levelling osteotomy (TPLO) - preliminary results - Ryan A., Pierce J.M.T., Matchwick A., Cockburn E., West E.
- O63** - Comparison of intraperitoneal lidocaine and ropivacaine for postoperative analgesia in dogs undergoing major abdominal surgeries - Brioschi F.A., Rabbogliatti V., Amari M., Di Cesare F., Ferrari F., Romussi S., Ravasio G.
- O67** - The pharmacokinetics of dexmedetomidine after perineural or single IV administration in anaesthetized dogs - Pavlica M., Kržan M., Nemeč A., Kosjek T., Baš A., Seliškar A.
- O31** - Comparison of hydromorphone vs. butorphanol for pain management in equine patients undergoing elective arthroscopy - Reed R., Trenholme N., Skrzypczak H., Chang K., Ishikawa Y., Barletta M., Quandt J., Sakai D.

- 15:45-16:15** Coffee break & Exhibition

Moderator: **Gwen Covey-Crump**

Moderator: **Simone Ringer**

16:15-16:30 O34 - Pharmacokinetics of bupivacaine following administration by an ultrasound-guided transversus abdominis plane block in cats undergoing ovariohysterectomy - Garbin M., Javier B., Ruel H.L.M., Watanabe R., Monteiro B.P., Cagnardi P., Steagall P.V.

16:30-16:45 O35 - Distribution of injectate spread using two approaches for an ultrasound-guided transversus abdominis plane block in cats: a cadaver and computed tomography study - Garbin M., Marangoni S., Finck C., Steagall P. V.

16:45-17:00 O37 - Updates on the anatomy of the brachial plexus in dogs: contralateral comparison and body weight correlation in a cadaveric study - Lambertini C., De Silva M., Grandis A., Martorelli M., Romagnoli N.

17:00-17:15 O47 - Ultrasound-guided suprainguinal femoral nerve block in cat cadavers: a descriptive study - Trujanovic R., Angerer A., Marhofer P.

17:15-17:30 O55 - Retrobulbar block: an anatomical and computed tomography evaluation of two ultrasound-guided approaches in cat cadavers - Garbin M., Marangoni S., Finck C. Steagall P.V.

17:30-17:45 O82 - A novel ultrasound-guided cranial segments of cervical plexus block in dogs - Cañón A., Viscasillas J., Aguilar N., Marti-Scharfhausen M., Hernandez E.Z., Martinez A., Redondo J.I., Garcia A.

O89 - Quadratus lumborum block in calves - a cadaveric study - Alonso B., Casteleyn C., Vanderperren K., Schauvliege S.

O45 - A systematic review on the measurement properties of pain scoring instruments in farm animals - Tomacheuski R.M., Monteiro B.P., Evangelista M.C., Luna S.P.L., Steagall P.V.

O38 - Does opioid-free anaesthesia provide adequate analgesia within a multimodal protocol in cats undergoing ovariohysterectomy? - Rufiange M., Ruel H., Monteiro B., Watanabe R., Benedetti I.C.C., Benito J., Steagall P.V.

O72 - A comparison of an opioid-free injectable anesthesia protocol with or without multimodal analgesia in kittens undergoing ovariohysterectomy - Malo A., Cheng A., Ruel H.L.M., Monteiro B.P., Lutevele N., Watanabe R., Garbin M., Steagall P.V.

O79 - Pharmacokinetics and behavioral effects of a single oral dose of trazodone in rabbits - Gibert A., Watanabe R., Desmarchelier M., Garbin M., Beaudry F., Benedetti I.C.

O73 - Comparison of invasive and modified oscillometric arterial blood pressure measurements in anaesthetised pigs undergoing magnetic resonance imaging - Calice I., Böhme F., Vogel C., Auer U.

List of posters

- P25 - **Ultrasound-guided saphenous nerve block in rabbits (*Oryctolagus cuniculus*): cadaveric study comparing two dye volumes** - [Felisberto R.](#), Flaherty D., Tayari H.
- P32 - **Disposable airway pressure manometers for endotracheal tube cuff inflation** - [Klonner M.E.](#), Mataliano G., Casoria V., Braun C.
- P33 - **Assessment of an ultrasound-guided rectus sheath block: preliminary results of an anatomic study in foal cadavers** - [Gutierrez-Bautista A.](#), Koch. R.; Viscasillas J., Wittenberg-Voges L., Söbbeler F., Kästner S.
- P36 - **Understanding the Feline Grimace Scale: a study of dimensionality, the importance of each action unit and factors affecting assessment** - Steagall P.V., [Monteiro B.](#), Trindade P., Luna S.P.L.
- P39 - **Responsiveness of the UNESP-Botucatu Cattle Pain Scale in *Bos taurus* and *Bos indicus*** - Tomacheuski R.M., Oliveira A.R., Trindade P.H.E., Lobo C.P.C., Teixeira Neto F.J., Oliveira F.A., [Luna S.P.L.](#)
- P42 - **Experiences and attitudes of Slovenian pet owners regarding cannabinoid use in dogs and cats** - [Tomsič K.](#), [Rakinić. K.](#), [Seliškar A.](#)
- P48 - **Methods used for endotracheal tube cuff inflation and pressure verification in veterinary medicine: A questionnaire on contemporary practice** - [Veen I.](#), de Grauw J.
- P50 - **Evaluation of external physical features for estimation of endotracheal tube diameter in dogs** - Simanovsky S., Yaffe M., Epstein A., Bruchim Y., Peery D., [Kushnir Y.](#)
- P51 - **At recovery, does the nutritional status of dogs affect the decreasing rate of arterial oxygen measured with a multiwave pulse co-oximetry?** - [Bellini L.](#), Cardinali M., Zanusso F., De Benedictis G.M.
- P65 - **Mechanical ventilation in two male common hippopotami (*Hippopotamus amphibius*) undergoing surgical castration** - [Amari M.](#), Brioschi F.A., Rabbogliatti V., Di Cesare F., Pecile A., Groppetti D., Ferrari F., Oltolina M., Magnone W., Saini M., Ravasio G.
- P71 - **Incidence and treatment of postoperative hypoxemia in dogs undergoing general anaesthesia with variable FiO_2 and PEEP** - [Stabile M.](#), Di Bella C., Acquafredda C., Scardia A., Piemontese C., Vicenti C., Crovace A., Staffieri F.
- P74 - **Venous blood values in healthy captive Egyptian fruit bats (*Rousettus aegyptiacus*) during restraint versus under medetomidine-midazolam-fentanyl anesthesia, with or without oxygen supplementation** - [Shilo-Benjamini Y.](#), Yaakov H., Las L., Abu Ahmad W., Tuval A.
- P76 - **Electrical impedance tomography (EIT) in chickens (*Gallus domesticus*): effect of four different recumbencies on cranial air sac ventilation** - [Wong A.M.](#), Lum H.Y., Musk G.C., Bowden R.S., Hyndman T.H., Mosing M.
- P79 - **Influence of experimentally induced endotoxemia on macrocirculation and glycocalyx integrity in horses** - Sauter P.K., Steblaj B., Kästner S.B.R., Söbbeler F.J., Reiners J., Kutter A.P.N., Gutiérrez Bautista A.J., [Neudeck S.](#)
- P80 - **The efficacy of bedinvetmab in a referred population of osteoarthritis cases - a preliminary clinical audit** - Clark L., [Coutts F.](#)
- P83 - **Evaluation of the HemoCue Hemoglobine device as POC method in horses** - Scicluna C.
- P86 - **Effects of re-administration of a medetomidine-vatinoxan combination drug (Zenalpha) in dogs** - [Turunen H.](#), Barker L.
- P87 - **Branchial plexus block in a deer (*Cervus elaphus*): a case report** - [Papageorgiou V.](#), Krystalli A., Komnenou A., Savvas I., Kazakos G.
- P88 - **Postoperative acid-base and electrolyte changes in dogs after elective ovariohysterectomy. Preliminary results** - [Papageorgiou V.](#), Ververidis C., Anagnostou T., Savvas I., Kazakos G.
- P94 - **Immunohistochemical localization of cannabinoid receptor type I in the feline synovial membrane with and without degenerative lesions** - [Ruel H.L.M.](#), Monteiro B.P., Blais E., Richard H., St-Jean G., Laverly S., Steagall P.V.