



# AVHTM Newsletter

## Special Events of Interest:

- Veterinary Committee on Trauma (VetCOT) Conference  
April 6 - 8, 2018  
(Las Vegas, NV)
- American College of Veterinary Internal Medicine (ACVIM) Forum  
June 13 - 16, 2018  
(Seattle, WA)
- European College of Veterinary Emergency and Critical Care (ECVECC) Congress  
June 21 - 23, 2018  
(Venice, Italy)
- Congress of the European College of Veterinary Internal Medicine – Companion Animals (ECVIM-CA)  
September 6 - 8, 2018  
(De Doelen, The Netherlands)
- International Veterinary Emergency and Critical Care Society (IVECCS) Meeting  
September 14 - 18, 2018  
(New Orleans, LA)

A 501(c)(3) nonprofit professional association

Volume 2, Issue 1

Hello and welcome to our third issue of the **American Veterinary Hematology and Transfusion Medicine (AVHTM) Newsletter!** The intention of this brief and informal publication is to stay in touch with our members (almost 240 and grow-



ing!) and affiliates and provide information pertinent to the veterinary transfusion medicine and blood banking community.

We continue to remain open to any feedback, suggestions, or ideas for upcoming issues. In between newsletters, please follow us on Facebook ([@AVHTM](#)) for other updates and check out our website ([www.avhtm.org](#)). We look forward to staying in touch and sharing information with you!

## AVHTM Updates

Our AVHTM Google Group remains active as members continue to ask questions and share information related to the expanding fields of hematology, transfusion medicine, and blood banking. The email group has allowed for discussion of several topics including starting a blood bank, informed

consent, use of viscoelastic testing in practice, feline blood centrifugation, and equine plasma storage. We encourage AVHTM members to continue using this fantastic resource by emailing questions and sharing ongoing research studies in the coming months.

Our Facebook Page ([www.facebook.com/AVHTM](#)) is growing as well with almost 500 followers! Please 'like' or 'follow' us on Facebook and feel welcome to post links and images pertinent to veterinary hematology and transfusion medicine.

## Conference focused on trauma happening in Vegas in April 2018!

The American College of Veterinary Emergency and Critical Care Veterinary Committee on Trauma (ACVECC-VetCOT) will be hosting the fourth annual ACVECC VetCOT Veterinary Trauma & Critical Care Symposium April 6-8, 2018, in Las Vegas, NV. This conference is a unique opportunity for those with an interest in trauma medicine and surgery to share ideas, experiences and expertise in a smaller forum conducive to discussion and collaboration.

While the target audience is DACVECCs, ACVECC residents, Emergency clinicians, allied specialists (ACVS, ACVAA, ACVO, ACVIM-neurology, ACVSMR, ACVR) and ECC technicians, all are encouraged to attend. Although the focus is small animal trauma, our large animal colleagues are also encouraged to attend. The conference will be held in conjunction with the human medicine Trauma, Critical Care & Acute Care Surgery Conference (April 9-11).

The ACVECC-VetCOT has a vision to create a network of lead hospitals that seed development of trauma systems. The current network of 26 Veterinary Trauma Centers (VTCs) work collaboratively to define high standards of care and disseminate information that improves trauma patient management efficiency and outcome. All VTCs contribute to a trauma registry that has captured data on > 27,000 trauma cases since its inception in September 2013.

The four aims of the trauma initiative are:

1. Enhancement of trauma patient care
2. Enhancement and promotion of research collaborations
3. Expansion and formalization of education on veterinary trauma
4. Enhancement of the visibility of veterinary specialty colleges

### Tentative conference schedule:

- **Friday afternoon, April 6, 1:00-5:30 PM:** VetCOT subcommittees meetings– all are welcome to attend!
- **Saturday April 7, 9:00 AM-5:30 PM:** Conference officially begins. Trauma abstracts and Case reports, Year in Review, Resident survivor. Dinner for those interested at local restaurant (optional).
- **Sunday April 8, 8:00 – 5:30 PM:** Performance Improvement Program vignettes, M&M Rounds, DACVECC panel case discussion, overlapping sessions with Trauma-Critical Care conference, and more.
- Hotel registration and flight arrangements can be made through the [Trauma, Critical Care & Acute Care Surgery website](#) (the recommendation is to book early, as the rooms do fill). **Registration deadline is March 16.**
- Registration fee: \$175 DVMs, \$85 technicians/residents. Registration forms can be emailed to Kathy Liard ([Kathleen.Liard@tufts.edu](mailto:Kathleen.Liard@tufts.edu)).
- Registration for the human Trauma, Critical Care & Acute Care Surgery conference is separate, and can be made on the link, above.

If you have any questions, please contact Kelly Hall ([wilke022@umn.edu](mailto:wilke022@umn.edu)) or visit the website: [vetcot.org](http://vetcot.org).

## Recently Published Articles

The articles listed below are those published **November 2017 – February 2018** in the field of veterinary transfusion medicine and blood banking:

- Carli, E., et al. (2017). "Frequency of DEA I antigen in 1037 mongrel and pure breed dogs in Italy." [BMC Vet Res](#) 13(1): 364. **[FREE Full Text]**
- Ciepluch, B., et al. (2018). "Removal of hemangiosarcoma cells from canine blood with a cell salvage system and leukocyte reduction filter." [Vet Surg](#) 47(2): 293-301.
- Culler, C. A., et al. (2017). "Comparison of albumin, colloid osmotic pressure, von Willebrand factor, and coagulation factors in canine cryopoor plasma, cryoprecipitate, and fresh frozen plasma." [J Vet Emerg Crit Care](#) 27(6): 638-644.
- Endo, Y., et al. (2017). "Plethysmography variability index for prediction of fluid responsiveness during graded haemorrhage and transfusion in sevoflurane-anaesthetized mechanically ventilated dogs." [Vet Anaesth Analg](#) 44(6): 1303-1312.
- Hlavac, N., et al. (2017). "In vitro properties of concentrated canine platelets stored in two additive solutions: a comparative study." [BMC Vet Res](#) 13(1): 334. **[FREE Full Text]**
- Jamieson, C.A., et al. (2018). "Normal reference intervals and the effects of sample handling on dynamic viscoelastic coagulometry (Sonoclot) in healthy adult horses." [J Vet Emerg Crit Care](#) 28(1):39-44.
- Jeffery, U., et al. (2017). "Development of a fibrinolysis assay for canine plasma." [Vet J](#) 229: 19-25.
- Marschner, C. B., et al. (2018). "The influence of inflammation and hematocrit on clot strength in canine thromboelastographic hypercoagulability." [J Vet Emerg Crit Care](#) 28(1): 20-30.
- Medina Valentin, A. A., et al. (2017). "Prevalence of Dog Erythrocyte Antigen I in 7,414 Dogs in Italy." [Vet Med Int](#) 2017: 5914629. **[FREE Full Text]**
- Reader, R., et al. (2017). "The effects of two intramuscular sedation protocols on echocardiographic variables in cats following sedation and blood donation." [Vet Anaesth Analg](#) 44(5): 1262.e1212-1262.e1213. **[FREE Full Text]**
- Rushton, J.O., et al. (2017) "Effects of three blood derived products on equine corneal cells, an in vitro study." [Equine Vet J](#) 2017 Oct 16. doi: 10.1111/evj.12770.
- Tambella, A. M., et al. (2018). "Platelet-rich plasma to treat experimentally-induced skin wounds in animals: A systematic review and meta-analysis." [PLoS One](#) 13(1): e0191093. **[FREE Full Text]**



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**AVHTM** is an IRS approved 501(c)(3) nonprofit professional association composed of veterinarians, hematologists, academics, veterinary technicians, blood bankers, and interested public who desire to further scientific advances in transfusion medicine and veterinary hematology.

We engage in veterinary research, promote industry standards, develop guidelines for canine and feline blood collection and processing, and publish scientific research in peer-reviewed publications.

***We're on the web!***

***[www.avhtm.org](http://www.avhtm.org)***



## **Membership Benefits**

As an AVHTM member, you are eligible for the following:

- Reduced IVECCS registration fee (veterinarians save \$100 and technicians save \$25!)
- Access the a “Members Only” section of the AVHTM website, which includes access to:
  - Other AVHTM profiles
  - PubMed articles
  - Forum for posting questions, cases, and research
- Ability to ask and answer questions posted to the AVHTM members only email group.

**Join us!**