In 2017, what will be one of your most important tools to treat dogs with traumatic shock?

Your telephone!

Introducing TraumaDogs, a study led by the North Carolina State University and sponsored by the United States Department of Defense.

PURPOSE: The objective of this study is to assess the efficacy of tranexamic acid (TXA) to inhibit excessive hemorrhage secondary to the fibrinolysis of traumatic coagulopathy in dogs with traumatic injuries from any cause including automobiles, gunshot wounds, penetrating wounds, and falls.

INCLUSION CRITERIA:

➢ Injured within 3 hours of presentation to NCSU
➢ Signs of shock at presentation to NCSU
➢ Must have severe enough blood loss to require transfusion before or immediately after referral
➢ Excessive fibrinolysis identified by us using thromboelastography immediately after presentation

EXCLUSION CRITERIA:

➢ Injured > 3 hours prior to presentation at NCSU
➢ Treatment with colloids (such as Vetstarch™ or hetastarch)
➢ < 4 kg, > 75 kg
➢ Absence of significant hemorrhage or signs of hemorrhagic shock
➢ Recent (within 2 weeks) administration of anticoagulants

Study Design: Dogs presented for care will be immediately assessed and treated for their injuries and shock. During initial stabilization we will confirm that they have had significant blood loss and test for the presence of excess fibrinolysis, a common complication of severe traumatic injuries. Dogs with traumatic coagulopathy will be randomized to treatment with either tranexamic acid or saline placebo, in addition to all necessary care to stabilize them and care for their wounds.

Client Compensation: The owners of eligible dogs will receive a $2500 subsidy to the cost of their care at NC State.

What steps do you need to take?

➢ Inform your front desk and reception staff to direct all dogs that have suffered trauma to NCSU
➢ If a trauma dog presents to your clinic, refer as soon you think transport is safe and call us to let us know a patient is coming!! (919) 513-6911

Enrollment will begin in early 2017! For updates and more information, visit www.NCStateTraumaDogs.org