

## **Why Animal blood bank?**

Blood is a vital component of the human body as well as the animal body. In this fast-paced lifeblood, the donation doesn't cross our minds so often, leave alone animal blood donation. As the dog population grows continuously, so does the need for blood transfusion. There are numerous stray dogs and pet dogs who are hospitalized due to disease, sickness or injury.

In India, 95% of street dogs are anemic, 70% have low platelets, 90% have ticks and fleas, causing skin issues and life-threatening tick fever. Diseased, injured and operated dogs either have loss of blood or are anemic, they are in immediate need of blood transfusion. For an immediate blood transfusion without wasting time availability of a suitable matching donor is highly impossible in 99% of the cases. Due to this lack of availability, many animals do not see the light of the day. To tackle this problem and save the animals, blood should be readily available for transfusion. There are 12 blood types for dogs DEA 1.1; 1.2; 1.3; DEA 3; DEA 4; DEA 5 ..... so on. It's a no-brainer to understand that animal hospitals need to store most blood types for right away availability; the solution - **BLOOD BANK!!**

Unfortunately, there are only two animal blood banks in India, i.e., Ludhiana, Punjab, and Chennai, Tamilnadu. None in Hyderabad - the 6th largest city in India. It would take immense time, expense, and effort to find donors and transfer the blood to the needy. Fortunately, enough SAFI is taking up the project to open a blood bank in our shelter, help animals survive, and transfer the needed blood type to other pet hospitals.

In our shelter, along with the waiting room, clinic, and recovery room, we plan to build a new space to store donated animal blood. This would be the very first **BLOOD BANK** in the city. To maintain a blood bank, we shall allot some funds towards buying a blood freezer, a generator, blood extractor equipment, and blood separation machine. A qualified veterinary technician is appointed to label and identify and match the blood to dog/cat. License requirements state that the blood bank needs a veterinary technician with hematology experience. Our in-house veterinarian and other senior partners with hematology experience will be in charge of the blood bank.

Having a blood bank at this facility shall help save the animals on time, at a much lower cost. This blood bank will serve the animals that come to our shelter for help and other Vet centers and shelters. This project will be successful with all of your lending hands. Let's all come together for a beautiful cause and save animals in need.