

# Feline Blood Transfusion

*“A challenging task made easier”*



Feline anemia can be an indication for blood transfusions. Feline blood transfusion can be a difficult procedure due to the small patient weight and limited range of transfusion products available for smaller patients.

Jorvet is now offering a range of small volume collection bags with anticoagulant already added.

## Anemia can develop either acutely or chronically:

- Non regenerative anemia i.e. FeLV
- Traumatic blood loss
- Hemolysis from toxins like acetaminophen
- Infectious disease such as FIA (Hemobartonella)
- Heavy parasite load, fleas or intestinal parasites
- Malnutrition.

*To mention a few common causes of feline anemia.*



J0520R - 100ml sterile blood bag w/ 15ml ACD



J0520S - 50ml sterile blood bag w/ 7.5ml ACD

## Previous Problem:

Existing feline blood collection products required the addition of anticoagulants just before collection in an “open” system. The amount of anticoagulant needed was an estimate that could be wrong with too much or too little.

JorVet’s new blood collection bags are smaller in size with pre-attached 20g collection needle or a “closed system”.

## Collection Overview or Guidelines:

Donors should be healthy individuals with a weight of 10lbs or 5kg.

They should be blood typed, test negative for common feline diseases such as FeLV and current on vaccinations.

Donors can safely give up to 10ml/lb but the standard procedure is 50ml.

The donor should be sedated and jugular area clipped and prepped. A quality venipuncture is essential.

LITFELINEBOODTRANSFUION

# Blood Typing

Cats should be blood typed even for first time use to avoid severe reactions.

- 90-95% of all cats are type A, especially DSH (domestic short hair)
- Less than 1% are type AB
- Less than 10% are type B, mostly specialty breeds

## Existing Systems Still Offered

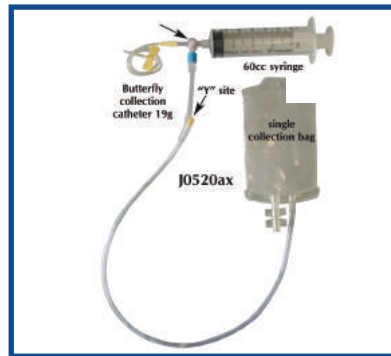
### Small Blood Bag Collection Sets

The addition of these blood collection sets allows for easier and proper feline and small animal blood collection. They are a complete closed system that will get better blood component results, i.e., packed RBC or plasma. The bags are provided dry and anticoagulant (J0522) will need to be added. The sets come in two basic formats: a set with 19g butterfly needle or a 60cc syringe with a 3-way stop cock.



#### J0520AB

- 100ml dry blood collection bag
- 19g butterfly needle with tubing
- complete directions



#### J0520AX

- 100 ml dry blood collection bag
- 60cc syringe
- 3-way stopcock
- 19g butterfly needle with tubing
- complete directions

### ACD-A (Acid Citrate Dextrose)

This anticoagulant has dextrose, which acts as energy source for the RBCs. The use of ACD-A can give RBCs a shelf life of about 28 days when stored at 4° C. 750ml.

#### J0522



## Ancillary Products



#### J0065M

**Blood Transfusion and Infusion Set** with filter and plastic drip chamber. Roller clamp is flow-regulating. Sterile. Disposable. 20 drops/ml. 72" (180cm) long.



#### J0522T

**Hemo-Tap.** This spike can be used on any blood bag or transfer component bag. Used for adding blood compatible medications or syringe access.



#### J0522H

**Hemo Nate Blood Filter.** Removes small volumes of particulate debris through an 18 micron stainless steel filter which allows viable blood product to pass through with ease. Especially useful with "syringe" method of transfusion used in feline medicine. Attaches to any male fitting. Syringe not included.