

Blood Component Flow Chart

Date _____ Weight _____
 Clinician _____ Technician _____
 Blood Component _____ Amount _____
 Primary Disease _____ Reason for transfusion _____

Suggested Administration Rates for Blood and Blood Products

Normovolemic rate 3.0-6.0 mL/kg/h (maximum) 6 hours
 Hypovolemic rate 10-20 mL/kg/h (maximum) 6 hours
 Cardiac patient rate 2.0-4.0 mL/kg/h (maximum) 8 hours

****Blood volume needed from donor (mL) =**

Dog: (recipient wt (kg) x 90*) x $\left(\frac{\text{Desired hematocrit} - \text{hematocrit of recipient}}{\text{Donor hematocrit in anticoagulant}} \right)$

*use 60 in cats

Donor name or # _____

Initial Data Base

Temp	Heart Rate	Resp rate	PCV/TS	Cross Match?		Blood Type?		30 min post trans. PCV/TS ?	
				Yes	No	Yes	No	Yes	No

Transfusion pretreatment

Drugs _____ Dosage _____ Route _____ Time _____

Desired Rate _____ mL/h

Time	0:0	0:10	0:20	0:30	1:0	2:0	3:0	4:0	5:0	6:0
Temp										
Pulse										
Resp rate										
Rate mL/h										

Transfusion reactions: Vomiting, increased HR, increased rectal temp, diarrhea, angioedema, hyptension, collapse.
 If these signs are noted discontinue transfusion and call clinician immediately.