

# Feline Transfusion Formulary



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## Packed Red Blood Cells

Total transfusion time: 4 hours  
1 ml/kg for each 1% desired  $\uparrow$  in PCV  
One unit per 5 kg body weight

## Whole Blood

Total transfusion time: 4 hours  
2 ml/kg for each 1% desired  $\uparrow$  in PCV  
One unit per 5 kg body weight

Initial rate: 0.25-0.5 ml/kg/hr for first 15-30 minutes  
Normovolemic: 5-10 ml/kg/hr

Cardiovascular Dysfunction: 1-4 ml/kg/hr Maintenance: 2-5 ml/kg/hr

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## Fresh or Frozen Plasma

Generic dosage: 5-20 ml/kg  
One unit per 5 kg body weight

Total transfusion time: 6 hours

Initial rate: 0.25-0.5 ml/kg/hr for first 15-30 minutes  
Cardiac or Renal Issues: 1-3 ml/kg/hr

Maximum: 10-20 ml/kg/hr to avoid fluid overload; Maintenance: 3-10 ml/kg/hr

Failure of passive transfer: 5 ml SQ at birth (Repeat at 12 and 24 hours after birth for 15 ml total.)  
Hypoalbuminemia dosage can be as high as 100 ml/kg body weight to raise albumin 1.0 g/dl.



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The provided information is not a substitute for a veterinarian's clinical judgment based upon the individual patient's condition.

