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VIZLE TYPES OF BLOOD PRODUCTS

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PACKED RED BLOOD CELLS (pRBC)



INDICATIONS:


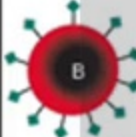
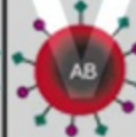





Anemia (for patients who do not need any coagulation factors and/or susceptible to volume overload)

DOSE: 6 - 15 ml / kg

NOTE:

1 ml/kg of pRBC increases PCV by 1%

FELINE BLOOD TYPING

	Group A	Group B	Group AB
Red blood cell type			
Antibodies in Plasma	 Anti-B	 Anti-A	None
Antigens in Red Blood Cell	 A antigen	 B antigen	 A and B antigens

AB BLOOD GROUP



Type A, Type B and Type AB

Cats possess naturally occurring alloantibodies against the blood type antigen they are lacking.

Type B cats have strong anti-A Abs.
Type A cats have weak anti-B Abs.

Inheritance pattern: A(dominant) over the B allele. AB is rare but is recessive to A, codominant with B.

BLOOD COLLECTION SITE AND PROCESS



Donor animals are sedated after being cleared for donation.

IV catheter is then placed.

IV fluids must be given to replace the blood volume collected.

SITE: External jugular vein

Aseptically prepare the ventral neck.

BLOOD TRANSFUSION



**BLOOD TRANSFUSION SET
(20 drops/ml)**



IV CATHETER



FWB / pRBCs

Patient's vital signs are checked before transfusion to set a baseline.

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