



C-PET therapy is flexible – any size dog can be treated

The unique filtration-based technology in the C-PET provides veterinarians with unprecedented flexibility in preparing a platelet therapy. Whether treating a 15 pound Terrier, a 25 pound Beagle, or a 150 pound Mastiff, C-PET lets you choose the blood draw volume that is right for your patient.

C-PET is the most flexible solution. Unlike most centrifugation based procedures used to prepare platelet therapies, C-PET volumes can be adjusted to accommodate the size of the animal by varying the volume of blood drawn, and the volume of solution used to recover the platelet therapy from the filter. Use the Treatment Volume Matrix below to choose the platelet fold increase you desire for treatment of any size dog.

Treatment Volume Matrix (x-fold increase in platelet concentration over whole blood)

Blood (mL)		10	15	20	25	30	35	45	55	
ACD-A (mL)		0.9	1.4	1.8	2.3	2.7	3.2	4.1	5.0	
Water (mL)		1.6	2.5	3.3	4.1	4.9	5.7	7.4	9.0	
Final vol. of PLT Conc. (mL)	1.5	2.5	2.8x	4.6x	5.1x	5.3x	5.4x	5.4x	5.4x	5.4x
	3	5	2.1x	3.3x	4.2x	4.4x	4.4x	4.5x	4.6x	4.6x
	6	8	1.3x	2.0x	2.6x	3.0x	3.2x	3.3x	3.3x	3.4x*
	10	12	1.0x	1.6x	1.7x	1.9x	2.2x	2.4x	2.5x	2.7x
	18	20			1.1x	1.2x	1.3x	1.3x	1.4x	1.5x

* standard instructions for use

The platelet fold increase values above represent estimates based on multiple runs from multiple donors. As with all platelet concentration devices, the actual fold increase in platelets for individual processing events is highly donor dependent and can vary widely.

Note that data provided in the C-PET Field Trial Report (March 2012, GN12.7960), and the C-PET Clinical Report presented at the 2012 Veterinary Orthopedic Society (VOS) conference¹ were produced using the standard instructions for use, denoted by an asterisk (*) above.

1. Fahie M, et al. "Clinical Outcome using Canine Platelet Enhancement Therapy (C-PET) for Osteoarthritis: A Prospective, Double-blinded, Controlled, Multi-center Study." 2012 Veterinary Orthopedic Society. Crested Butte, CO. March 7 2012. Podium Presentation.



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