

A WORLD OF EXPERIENCE, TRUST AND INNOVATION



World no. 1 insulin for dogs and cats*

*CEESA 2018



with you for life

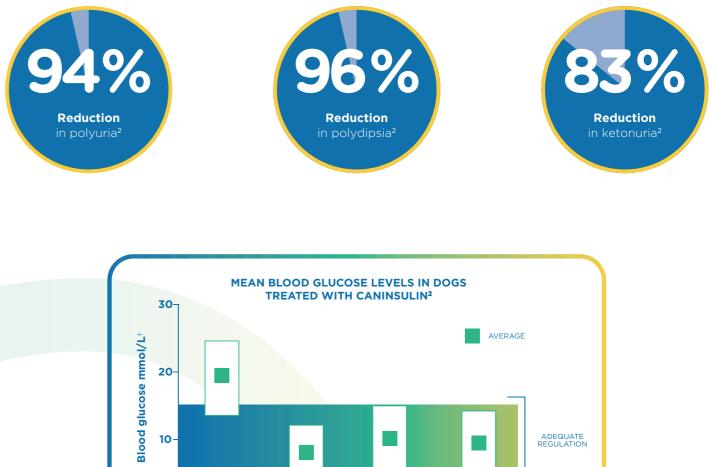
Established efficacy profiles in dogs with diabetes^{1,2}

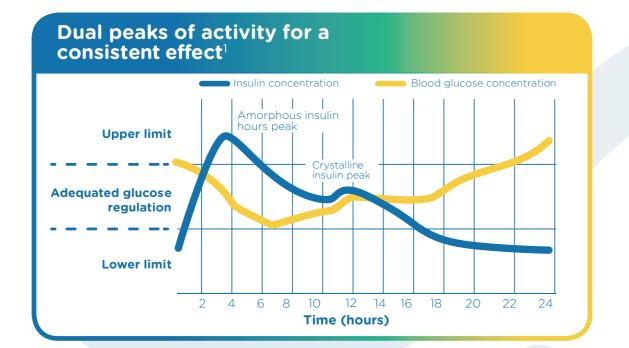


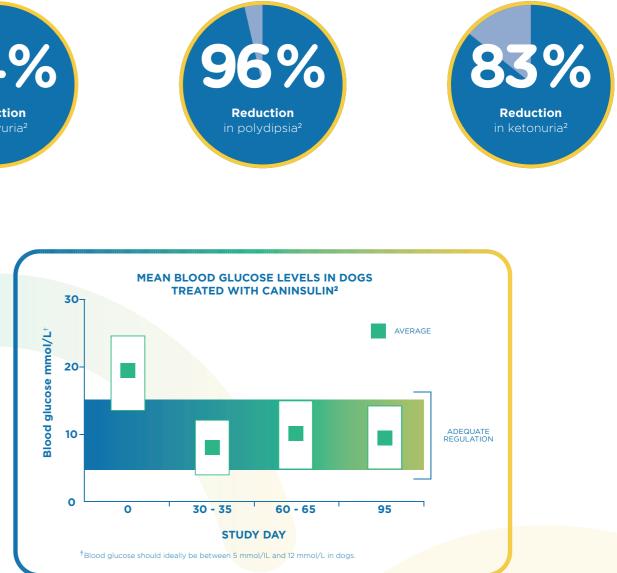
A preferred 1st choice insulin for dogs^{3,5,6,7}

- Rapid and sustained effect¹: biphasic insulin activity
 - amorphous fraction 30% peaks at about 4 hours post-injection and lasts for 8 hours¹.
 - crystalline fraction 70% is slowly absorbed, peak activity at 11 hours post-injection¹.
- Flexible dosing: with once or twice-daily dosing option¹⁶
 - duration of activity 14 to 24 hours^{2,9}.
 - once-daily dosing in up to one-third of diabetic dogs¹⁶.
- Minimising the risk of anti-insulin antibodies Structurally identical to canine insulin¹⁷.

Effectively controls blood glucose levels and reduces clinical signs of diabetes within a few days²









Established efficacy profiles in cats with diabetes^{11,12,13}

FELINE

25 years of experience and trust

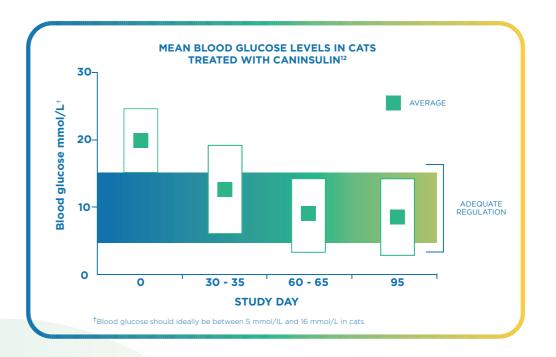
- Flexible dosing option:
 - Available in 2.5 ml vials, 10 ml vials and 2.7 ml cartridges for VetPen
 - Reduce waste*
- VetPen can aid compliance and more accurate dosing¹⁰
- Favourable duration of activity (8-12 hours) for twice-daily treatment¹¹
- Cost-effective choice for cats*4



*If using a 10 ml insulin vial for cats, even with a longer broached vial stability period e.g. 60 days, this could result in as much as 35% of the vial being discarded for average cats



Caninsulin reduced all major diabetes indicators to within normal range¹¹



86% of cats experienced resolution or improvement of polyuria and polydipsia¹³

Remission rates in cats can potentially be achieved with all insulin when⁸:

D<mark>iet is cont</mark>rolled

Insulin management is started early in the course of the disease

Good glycaemic control is achieved and maintained



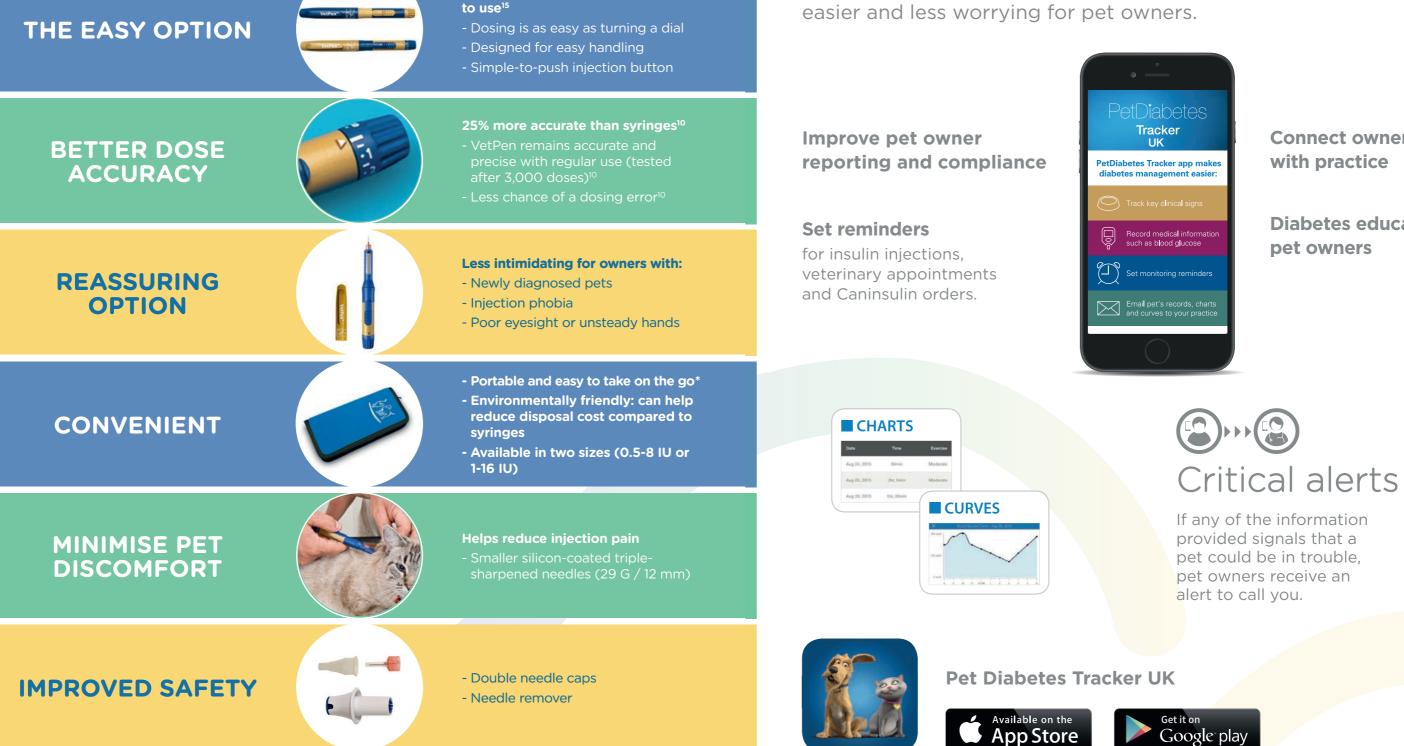
VetPen[®] makes insulin injection simple, easy and more accurate¹⁰



97% of pet owners find VetPen easy

Better tracking, right in your hands

FREE PetDiabetes Tracker UK app makes diabetes management much easier and less worrying for pet owners.





Connect owner directly

Diabetes education for

	. 10	H	
×		Interne Steel	
Addison	ring Date		
- Company	warded Emme		
Visto	and and a	1000 mL 7	
	# WARNING!		
5 4	all your vehetroaria of kalturies may be	n as the presence an indication of	
	all your velocituaria of kalturest may be serious tosue relat disbetes. Al entrie	ed to your perio mail be assess.	
	Cancel	Call	
Unite	GLODIE	Aas	
Unite Ketones		Prost 3	
Exercise		Att	
Body Condition Alt		Att)	
10100	<i>a</i> :		

Google[®] play



Over 25 years of experience and trust in feline and canine diabetes

- A preferred 1st choice insulin in dogs^{3,5,6,7}
- Cost effective choice for cats⁴
- VetPen is a unique device for more accurate dosing and can aid compliance¹⁰
- Free PetDiabetes Tracker UK app makes diabetes management much easier!

Take advantage of useful pet diabetes support items for your practice and pet owners:

- www.caninsulin.co.uk
- Online diabetes training for practice staff
- Nurse clinic training and tools
- PetDiabetes Tracker app
- Sugar and Spike campaign
- Pet owner starting pack
- Product technical support 01908 685685



For general information and pet diabetes management tools, please visit caninsulin.co.uk or ask your MSD Account Manager.

1. Graham PA, Nash AS, McKellar QA. Pharmacokinetics of a porcine insulin zinc suspension in diabetic dogs. J Small Anim Pract. 1997;38(10):434-438

- 2. Monroe WE, Laxton D, Fallin EA et al. Efficacy and safety of a purified porcine insulin zinc suspension for managing diabetes mellitus in dogs. J Vet Intern Med. 2005;19:675-682
- 3. Thompson A, Lathan P, Fleeman L. Veterinary medicine: Research and Reports. 2015:6 129-142
- 4. Petersen M. Insights into Veterinary Endocrinology. https://endocrinevet.blogspot.com/2013/05/whats-best-insulin-for-diabetic-cats.html
- 5. Petersen M. https://animalendocrine.blogspot.com/2014/03/whats-best-insulin-for-treating-dogs.html
- 6. Behrend E. Holford A. Lathan P et al. J Am Anim Hosp Assoc. 2018: 54:1-21
- 7. Ackerman N. Benchekroun G. Bourne D et al. Companion Animal, 2018:23:143-151 8. Feldman EC. Diabetes remission in cats: which insulin is best? Compend Contin Educ Vet. 2009;31(7 Suppl A)
- 9. Horn B, Mitten RW. Evaluation of an insulin zinc suspension for control of naturally occurring diabetes mellitus in dogs. Aust Vet J. 2000;78(12):831-834
- 10. Burgaud S, Riant S, Piau N. Comparative laboratory evaluation of dose delivery using a veterinary insulin pen. In: Proceedings of the WSAVA/FECAVA/BSAVA Congress; Birmingham, UK; 12-15 April 2012. Abstract 567
- 11. Martin GJ, Rand JS. Pharmacology of a 40 IU/ml porcine lente insulin preparation in diabetic cats: findings during the first week and after 5 or 9 weeks of therapy. J Feline Med Surg. 2001;3(1):23-30
- 12. Brianceau P, Chester T, Smith A, Horspool L, Laxton D. Effi cacy and safety of porcine insulin zinc suspension (izs-p) for reducing hyperglycernia and associated clinical signs in cats with diabetes mellitus. In: Proceedings of the ACVIM forum; 4-7 June 2008; San Antonio, T) 13. Martin GJ. Rand JS. Control of diabetes mellitus in cats with porcine insulin zinc suspension. Vet Rec. 2007;161(3):88-94 In: Proceedings of the ACVIM forum: 4-7 June 2008; San Antonio. TX
- 14. Burgaud S, Guillot R, Harnois-Millon G. Clinical evaluation of a veterinary insulin pen in diabetic cats. In: Proceedings of the WSAVA/FECAVA/BSAVA Congress; Birmingham, UK; 12-15 April 2012. Abstract 499
- 15. Lust E, van Esch K, Slingerland LJ, Kooistra HS, Horspool LJI. Survey of Veterinary Professional and Pet Owner VetPen User Experience. Presented at the 42nd WSAVA and FECAVA 23rd Eurocongress; Copenhagen, Denmark; 25-28 September 2017
- 16. Fleeman L.M., Rand J.S., Morton J.M. (2009). Pharmacokinetics and pharmacodynamics of porcine insulin zinc suspension in eight diabetic dogs. Vet Rec.;164(8):232-237. 17. L.J. Davison, B. Walding, M.E. Herrtage and B. Catchpole. Anti-Insulin Antibodies in Diabetic Dogs Before and After Treatment with Different Insulin Preparations. J Vet Intern Med 2008;22:1317-1325
- 18. Caninsulin Summary of Product Characteristics (SPC)

Caninsulin® contains insulin and is indicated in cases of diabetes mellitus in dogs and cats. Legal category POM-V

Refer to the packaging or package leaflet for information about side effects, precautions, warnings and contraindications. Advice should be sought from prescriber

Further information is available from the SPC / Datasheet or Intervet UK Ltd, trading as MSD Animal Health. Registered office: Walton Manor, Walton, Milton Keynes MK7 7AJ, UK. Registered in England & Wales no. 946942. Use medicines responsibly. For more information please refer to the Responsible Use sections of the NOAH website.

Registered trademark. Caninsulin® and Caninsulin® VetPen® are the property of Intervet International B.V. or affiliated companies or licensors and are protected by copyrights, trademark and other intellectual property laws. Copyright © 2019 Intervet International B.V. All rights reserved. GB/SMA/0319/0067