

**DNA Deep Dive: Incorporating Genetics into Veterinary Cardiology
to Enhance Diagnosis, Prognosis, and Treatment
Live Virtual Course | Date: April 28, 2025**

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Monday, April 28, 2025		
Time (Mountain Time)	Topic	Presenter(s)
8:00-8:15 am	Welcome and Introductions	<i>Dr. Josh Stern</i>
8:15-9:15 am	Myxomatous Mitral Valve Degeneration – Heritability, Breeding Practices and Our Improved Understanding of Genetic Influences	<i>Dr. Melanie Hezzell</i>
9:15-10:15 am	DCM – Understanding the Role of Genetics and its Place in Breed Screening, Disease Prognostication, and Therapy	<i>Dr. Ryan Fries</i>
10:15-10:30 am	Break	
10:30-11:30 am	ARVC – Understanding the Role of Genetics from Humans to Dogs	<i>Dr. Luis Dos Santos</i>
11:30-12:30 pm	Panel Discussion – Canine Focus	<i>Dr. Melanie Hezzell, Dr. Ryan Fries, Dr. Luis Dos Santos, Dr. Josh Stern</i> <i>Moderator:</i>
12:30-1:30 pm	Lunch Break	

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Monday, April 28, 2025 (continued)		
Time (Mountain Time)	Topic	Presenter(s)
1:30-2:30 pm	HCM – Genetic Etiologies and Future Therapies	<i>Dr. Josh Stern</i>
2:30-3:30 pm	Pharmacogenetics – Leveraging Genetic Data to Predict Drug Response	<i>Dr. Josh Stern</i>
3:30-3:45 pm	Break	
3:45-5:15 pm	Panel Discussion – Using Genetic Testing in Practice and Breed Screening	<i>Dr. Steve Rosenthal, Dr. Melanie Hezzell, Dr. Ryan Fries, Dr. Luis Dos Santos, Dr. Josh Stern</i> <i>Moderator:</i>
5:15 pm	Close	<i>Dr. Josh Stern</i>