



Doberman Pinscher Health Foundation Fall / Winter 2024

President's Message

Dear Michael,

Welcome to the DPHF Fall / Winter Newsletter.

We would like to start our newsletter by introducing you to our two newest board members, Sue Beckage and Niccole Atwell. Sue and Nicole bring a great deal of experience with non-profit organizations and Doberman Pinschers. We are excited to expand our representation to include different parts of the United States, and to see the new perspectives and ideas they have to share.

The holiday season is always a busy time for us. We have our annual Tex Memorial Raffle with the Mount Hood Doberman Pinscher Club's Agility Trial in November, followed closely by the Puget Sound Doberman Club Raffle in conjunction with their December Trial. We are also busy working on the final touches and printing of our popular calendar. Finally, we hope to have another joint charity dinner with our partners at Seattle Purebred Dog Rescue – Dobermans.

We have a lot of information to share with you in this issue, including information about our grant recipients from this year, as well as some updates from previous grant award winners.

2024 Grants

The DPHF is proud to announce our 2024 grant recipients.

We would like to thank our research committee for their hard work in selecting these worthwhile projects from the field of grant proposals we received.

Our 2024 grant recipients are:

Marilia Takada, DVM, MSc, PhD, DACVR

Assistant Professor of Radiation Oncology - University of Florida

“Novel approach to treat canine appendicular osteosarcoma with percutaneous cementoplasty after stereotactic radiation therapy”.

Award Amount: \$15,000

In the present proposal, the goal is to improve the quality of life of dogs with osteosarcoma, an aggressive cancer of the bone that affects Doberman Pinschers and other large breed dogs.

Osteosarcoma can be effectively treated with radiation therapy, however, due to a high rate of pathological fracture in many cases, limb amputation is ultimately recommended, or euthanasia is elected.

Percutaneous cementoplasty (PC) is a minimally invasive surgical technique that injects surgical cement into the affected bone, providing pain control and enhancing bone strength, but it is understudied for canine osteosarcoma.

The goal is to evaluate if PC is effective in relieving pain and keeping the bone from breaking after treatment with radiation, therefore, prolonging the time of limb function and consequently, life expectancy. The present study is innovative because it would be the first to evaluate the effects of PC in dogs with osteosarcoma treated with stereotactic radiation therapy.

Eduardo J Benjamin, DVM, MS, ACVIM Diplomate (Cardiology)
Clinical Assistant Professor, Cardiology - University of Florida

Prevalence of the DCM3 and DCM4 Mutations and association with Dilated Cardiomyopathy in North American Doberman Pinschers

Award Amount \$16,100

Previous studies have reported that Doberman Pinschers have genetic mutations, presumed to trigger the development of DCM. Specifically, gene mutations associated with cardiac metabolism (pyruvate dehydrogenase lipoamide kinase isozyme 4 or PDK4, known as the "DCM1" gene test) and cardiac structure (titin or TTN, known as the "DCM2" gene test).

A recent study in Europe identified two novel genetic mutations in local Doberman Pinschers with DCM. The objective of this study is to determine the prevalence of these novel genetic mutations in a representative cohort of North American Doberman Pinschers. Additionally, we will investigate the potential association between the presence and specific combinations of these genetic variants and the development of DCM in this population.

The goal is to gain a deeper understanding of the prevalence and role these mutations play in the pathogenesis (mechanism of disease) and clinical manifestation of DCM in North American Dobermans. This information will be valuable in providing breeding recommendations, screening recommendations as well as prognostication.

Previously DPHF Funded Grants

Ryan Fries DVM, Associate Professor, Cardiology
Diplomat ACVIM (Cardiology) - University of Illinois

"The Role of Myocardial Fibrosis in Dilated Cardiomyopathy".

Dr. Fries recently sent the DPHF the following brief with an encouraging update on the status of their research:

"We have enrolled 24 DCM affected dogs (goal of 30 dogs) and 10 healthy.

Preliminary statistical analysis shows that there is a significant difference in fibrosis for affected vs healthy dogs. Additionally, dogs that the greatest amount of fibrosis on MRI also seem to have worse arrhythmias on Holter analysis. I have not assessed the circulating biomarkers yet as I wanted to run all of the samples at the same time.

I will also do a statistical analysis to see if there is a correlation between fibrosis and ejection fraction as well ventricular arrhythmias.

I will be presenting some of this preliminary data as part of a talk I am giving in Phoenix in November at the North American Veterinary Cardiology Summit. The talk is titled "**Cardiac MRI for Cardiomyopathy**" so among other topics, I will discuss our findings as to the relationship to DCM in the Doberman Pinscher."

Penny J. Regier, DVM, MS, DACVS-SA
ACVS Minimally Invasive Surgery Fellow,
Soft Tissue Surgery SVSTS President
Associate Professor - Small Animal Soft Tissue Surgery - University of Florida

"Assessing gastrointestinal viability in canine gastric dilatation and volvulus (GDV) with real-time near-infrared fluorescence (NIRF) quantification."

Dr, Regier also had positive news to share about their study:

" We are excited to announce that we have collected data from 20 GDV cases, and we have collected data from all our control (systemically healthy) cases!

We needed this control data to determine quantitative near-infrared parameters of healthy gastrointestinal tissue, in order to draw conclusions on the GDV data we had collected.

Our data has concluded that near-infrared fluorescence can identify histologically confirmed non-viable stomach tissue. These results provide enough evidence to support implementation of NIRF as an adjunct to gross examination of the stomach wall in dogs with GDV!

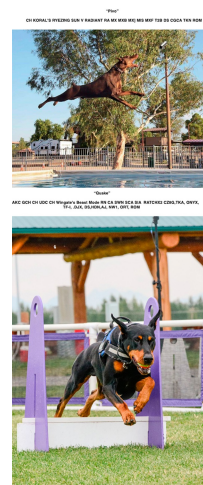
Thank you again for the support as we continue to wrap up the final submission of this study to a peer-reviewed journal for publication in Veterinary Surgery."

The DPHF would like to extend our deepest gratitude to our supporters. Your donations do make a difference for the health and treatments of the dogs we love.

DPHF Donation Match June 2024

We would like to send out a thank you to everyone involved in this summers fundraiser in memory of **Pivo** (CH Koral's Ryexing Sun V Radiant RA RI MX MXB MXJ MXJS MXF T2B DS CGCA TKN ROM) and **Quake** (AKC GCH CH UDC CH (Altered) Wingate's Beast Mode RN CA SWN SCA SIA RATCHX2 CZ8G,TKA, ONYX, TF-I,DJX, DS,HDN, AJ, NW1, ORT, ROM).

Your generosity when paired with our anonymous benefactor raised \$2800 towards future research.



Holiday Gift Ideas

The holiday season is upon us and the DPHF has your back with merchandise for the hard to shop for Doberman lover in your life.

Annual DPHF Calendar

The DPHF is pleased to announce that we are once again offering our popular calendar for sale.

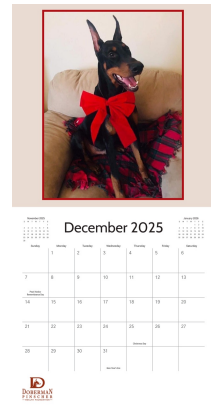
We love this fundraiser as it gives us an opportunity to see all the great pictures you get of your dogs throughout the year.

We had a record turnout for photo submissions this year. Thank you to everyone who submitted entries and took the time to vote for your favorites. You all play a pivotal role in making this calendar the success it is.

Calendar sales are now open, we anticipate that we will have them ready to ship on Friday, November 22nd

We hope you enjoy this as much as we do.

Calendars are available to order on our website [here](#) for \$21.95



DPHF First Aid Kits

The DPHF has restocked our supply of the popular first aid kits.

Don't let the size of this first aid kit fool you, it is packed with the equipment you will need for a minor emergency with your dog, and in a size that makes it convenient for your car or show bag.

The kits are available for \$35 [here](#).



DPHF Logo Items

The DPHF is happy to announce the return of our logowear t-shirts and sweatshirts.

These popular shirts will be available for a very limited time to ensure they will ship in time for Christmas.

DPHF logo ware is a great way to help spread the word about the foundation and let your friends know you are invested in protecting the future of the breed.

Please visit our [Custom Ink Site](#) for options and pricing.



Charitable Giving

Just a quick reminder, there is still time to get your year end donations in for the 2024 tax season. DPHF is a registered 501C(3) tax deductible organization and we rely on the generosity of our members in order to fund the important research like those featured in this newsletter.

We ask that you keep us in mind when you are considering your year end donations. Donation options are available [here](#).

We are grateful for and humbled by the support we receive.

Sincerely,

DPHF Board of Directors:

Nicole Atwell
Sue Beckage
Jenn Cannerelli
Mike Dellorto
Libby Hargrove
Kaye Krueger DVM
Sue Lynch
Denise McKay
Shirlee Walker
Linda Zaeske

Doberman Pinscher Health Foundation | 11807 SE McGillivray Blvd | Vancouver, WA 98683
US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!