



NEWSLETTER JUNE 1999
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NOTES FROM THE PRESIDENT'S DESK

Dear Members: Well, spring is here with all the signs of new life surrounding us, summer is rapidly approaching and this year's Specialty is getting closer too!

Our Club is in the same process of growing and changing. I was delighted the other day to talk with a past member and I know that even still, there is caring and support for our breed, and indirectly for the Club. This is good and to me shows that thru good times and bad we can work together for this very special breed.

Now, does anyone out there have a viewpoint, or anything to share on breed colours? I certainly would like to hear/see something on sable or peach merle factors!

Have a great summer!

Fern Hunt

SUE BAIN

This is probably the most important news in the whole newsletter. From Charlie MacInnes:

"Well, Sue is still alive, and doing quite well....She has improved enough to be in a recovery hospice, and is now going home on weekends. According to her father, Sue is quite well, but depressed because too many of her housemates look terrible, and she is convinced that she will turn out that way too. Meanwhile she is improving.

They are having trouble with the e-mail system so she has a backlog of 130+ messages. She is working through them slowly.

I talked to her on Saturday, she wants an ad for Michael and Stebbins for the Top Dogs issue (of Dogs in Canada) so she is back to thinking of the future. Further to her e-mail problems, she tells me that the chemo burned her eyes badly enough that she still has trouble reading the screen. So if you can, and you know how, please send messages in big, big, type."

If you want to contribute to Sue's e-mail backlog, please send big, big type messages to suebain@sympatico.ca You might even suggest that a reply isn't necessary, just send her your best wishes. Or you can call her at the hospice: (416) 413-7400, ext. 2070. Those of you who are prayerful.....keep up the good work!

And congratulations, Sue, (and Charlie) on the achievement of getting Michael and Stebbins into the Top Dog listings, especially when you weren't showing the last quarter of the year! Yeahhhh, team!

CONSTITUTION AND CODE OF ETHICS

I got a letter from the CKC the other day: our new Constitution and Code of Ethics have been approved, and are now officially in force! A lot of work went into the revisions: thanks to Al and Lynn Alcock, Lore Bruder, Karen Harbert, Charlie MacInnes, Bette Wilkinson and everybody who took the time to send in comments.

Shall we tackle the Standard next?!?

Marilyn Boissonneault, Committee Chair

A FEW WORDS FROM THE EDITOR

Welcome to an experiment! This issue of the newsletter focuses on a single topic: Cardigan health. We haven't done a single-theme issue of the newsletter before (at least not in my time with the Club) but I thought it was something worth trying, especially as there are so many interesting developments in the field. For Cardigans specifically, the biggest single recent breakthrough is the DNA test that allows us to identify carriers of progressive retinal atrophy (PRA). There is now a very real possibility of eliminating a significant genetically carried disease from our breed. Many breeders in the US are taking advantage of this test to check their breeding stock.

Neither canine senility nor adventures with skunks are unique to Cardigans, but here too there have been some recent advances which I thought were worth sharing with the membership. One is offered from personal experience, the other (thank heaven!) is only a suggestion that I haven't needed to try yet.....touch wood! Finally, I have come across a couple of books recently which I also thought were worth sharing, one a very practical book on canine health and the other a bit more speculative!

If the idea of occasional special issue appeals to you, please let me know; and don't forget to suggest a topic!

DNA TEST TO DETECT PROGRESSIVE RETINAL ATROPHY IN CARDIGANS

Progressive Retinal Atrophy (PRA) in the Cardigan Welsh Corgi is an inheritable genetic defect which causes progressive loss of vision leading to blindness in young adult dogs. While the absolute number of affected dogs does not appear to be large, it is of great concern to conscientious breeders because until now, it has not been possible to identify carriers of the defective gene which causes PRA until their affected offspring begin to go blind. And it can be heartbreaking for both the owner and the breeder to realize that an apparently healthy dog, someone's beloved companion, is slowly and irrevocably losing its sight at a very young age.

While an eye test has been available for some time to detect PRA in affected dogs at an early stage, before they are bred, no test has been available to identify carriers until now. Drs. Simon Peterson-Jones and David Sargan, at the University of Cambridge in England, have discovered the gene mutation which causes this form of PRA in Cardigans, as well as a DNA-based test to identify carriers. The test can detect only this form of PRA, and only in Cardigans; there is a similar test for PRA in Irish Setters, which is the only other breed for which the PRA-causing gene has been identified to date.

PRA in the Cardigan Welsh Corgi is inherited as a recessive trait. The DNA test can be used to tell whether any Cardigan is a carrier (ie. having one copy of the defective gene and one normal gene); is affected by the defect (ie. having two copies of the defective gene); or is genetically clear of the defect (having two normal genes).

Dr. Peterson-Jones is currently working at the University of Michigan, so the test is now available to us in North America. This is a very important breakthrough for Cardigan breeders, and I urge everyone who is thinking of breeding their dog to have the test done. The procedure is described below, or you can find it and the test submission form at the home page of the Cardigan Welsh Corgi Club of America, www.cardigancorgis.com

Procedure for the PRA DNA test:

1. Arrange for your veterinarian to collect a 2ml sample of blood into an EDTA blood tube.
2. Immediately after collection write the dog's Canadian Kennel Club registered name and your name clearly on the blood tube. If samples are being collected from several dogs please label each tube immediately after collection.
3. Keep the samples chilled until they are sent.
4. Complete one submission form for each blood sample and sign the declaration. Make sure you stroke out "AKC" where applicable on the form and write in "CKC". Any samples received without the submission form completed and signed WILL NOT be processed.
5. Seal the blood tube(s) in individual plastic bags (with the submission form for that sample) and wrap enough packaging to ensure that they will not be damaged in transit. Place the tube(s) in a sturdy box and add a cooler bag to the package to keep the sample(s) cool. If you have any doubts about the best way to package the blood tubes to ensure their safe arrival at Michigan State University your veterinarian will be able to advise you. Enclose the following:
 - a. clearly labeled blood tube(s) well padded and placed in an individual sealed plastic bag with completed submission form
 - b. cooler pack
 - c. plenty of padding within box
 - d. the full payment
 - e. an address label with your address so that the test results may be returned to you
6. The box should be sent by express delivery to:
Dr. Peterson-Jones, Corgi Test
Department of Small Animal Clinical Studies
Michigan State University
D-208 Veterinary Medical Centre
East Lansing, Michigan 48824-1314

The cost of the test, which are currently being subsidized by the Cardigan Welsh Corgi Club of America, is \$55.00 US (you might want to include a small donation to help keep this important programme going!). The check (actually a money order in US funds might be better) should be made out to **Michigan State University (Corgi Test)**.

Results are sent by mail only (not over the 'phone) using the return address label which you send in with the sample. You will receive a copy of the original application with the results section filled in and a certificate with the name of the dog, the name of the person who sent in the sample and the result.

Charlie MacInnes points out that there are special protocols for handling blood and blood products through Customs, because of concerns regarding AIDS. His first set of samples was turned back at the border. Your vet might know what the protocols are; or call your nearest Canada Customs office; or call Charlie!

A copy of the submission form is attached, or can be downloaded from the CWCCA website.

SENILITY IN CARDIGANS: A CASE STUDY

Although Cardigans are a long-lived breed with relatively few health problems, the day inevitably comes when we realize that our beloved Cardi companion, who was such a funny puppy only a few short years ago, is showing signs of age. The muzzle is a little grayer, the gait a little slower, and the only sound she seems to hear well is the sound of the can opener. Although dogs are considered to be in their golden years by 7, Patches was 13 when it became clear that, for her, old age had truly arrived. For the most part her physical condition was excellent, apart from minor tartar buildup on her teeth, failing eyesight and hearing. In fact, at her last show, the 1996 National Specialty, she was still competitive at the age of 12, and we both had a wonderful time! But within the year she was no longer reliably housetrained, and she was beginning to exhibit some very odd behaviour. Sometimes Patches didn't seem to recognize us, or bumped into walls as if expecting a door to be there, both of which I attributed to poor eyesight. But I didn't know what to make of her obsessive licking of the bathroom door and the kitchen cupboards. She had occasional prolonged trembling spells. And at least twice when I put her dinner dish in front of her, she simply stared at it for several moments as if unable to figure out what it was, before a startled recognition took place and she began to eat.

I was resigned to the fact that these were just the inevitable consequences of old age until one day while waiting at the vet clinic I picked up a copy of PETS Magazine. There was an article on "canine cognitive dysfunction", with a checklist of possible symptoms. All of Patches' strange behavioural changes were listed. She wasn't just old; she had canine cognitive dysfunction.....she had become senile!

And even better, whereas in the past the only course of action (other than ignoring it) would have been euthanasia, there is now something that can be done about it. About 80% of dogs diagnosed with canine cognitive dysfunction (CCD) respond well to a new drug called Anipryl, which was originally developed to treat the symptoms of Parkinson's disease in people. After five years of clinical tests in dogs, it was released in Canada in 1998 and in the US earlier this year. It is not a cure: a dog with CCD must take Anipryl for the rest of its life. The side effects appear to be minimal....and the results can be spectacular. While we certainly didn't find a magical fountain of youth for Patches, she did show improvement in all symptoms within a couple of weeks, and most disappeared entirely.

Unfortunately, we don't know what her long term prognosis would have been: six months after we started the Anipryl, Patches died of liver cancer. However, during those last months she enjoyed a quality of life she had nearly lost, and we in turn enjoyed the return of her feisty, noisily opinionated personality, demanding to be involved in everything. The "real" Patches, who had gradually faded away, was back with us. And it was worth it.

This is the checklist of symptoms that appeared in PETS Magazine. Patches exhibited seven of these. If your Cardigan is over 7 years of age, watch for any of these behavioural changes and report them to your veterinarian.

Symptoms of Canine Cognitive Dysfunction

- * confusion or disorientation
- * apparent inability to recognize familiar places and faces
- * apparent deafness or selective hearing

- * loss of house-training
- * decreased interest in food and exercise
- * decreased awareness of surroundings and events
- * tremors or shaking
- * changes in sleep/wake cycle
- * inappropriate vocalization: whining, whimpering, barking at nothing
- * development of compulsive behaviour: pacing, circling, floor licking, fly biting, etc.
- * failure to respond to commands

FINALLY - A TREATMENT FOR SKUNK SPRAY!

Paul Krebaum, a chemist at Molex, Inc., has devised a solution for “de-scenting” skunk spray. When one of his colleagues had a cat which had been “skunked”, Krebaum suggested using the same method on the cat he used in his lab to reduce sulphur smells: get oxygen to bond with the thiols which caused the odour. He used this solution to generate oxygen and it worked!

- * 1 quart 3% hydrogen peroxide
- * 1/4 cup baking soda
- * 1 teaspoon liquid soap

Gas is generated once the hydrogen peroxide and baking soda are mixed, so the solution should just be made up fresh each time it is needed. The soap breaks up the oils in the skunk spray and allows the other ingredients to do their work. The solution should be rinsed off the pet with tap water.

- reprinted from the May/June 1999 issue of the Dundas Veterinary Service Newsletter; Winchester, Ontario

BOOK REVIEWS

One of my other vices is books (some of you know about the single malt.....). I can't resist an interesting book. Here are a couple of my recent finds.

The Dog Repair Book by Ruth B. James, DVM. Don't let the cute title put you off: This is a really good book on first aid and health care for the dog owner. It's intended, to a degree, for people who live in remote locations, can't get to the vet in 15 minutes and need enough knowledge to make informed judgements....and sometimes, to act as veterinarian on their own. In other words, for most of us. It is a large format paperback, written in very plain, indeed occasionally blunt language (the chapter “Choosing the right dog for you” includes a section titled “When the pet does not work out”; euthanasia is frankly examined as an option), and covers just about *everything* you can imagine. She starts with a discussion on the normal animal, then moves on to the detailed chapters. These include emergency care, the importance of nursing, poisons, reproduction, parasites, lameness, the older dog, traveling with a dog...*everything*. Buy it.....and some day it may save your Cardigan's life. Published by Alpine Press, Mills, Wyoming; 1990. I got my copy from Coles, \$23.95.

Dogs Never Lie About Love by Jeffrey Moussaiff Masson, the co-author of *When Elephants Weep*, a big best seller a couple of years ago on the emotional life of animals. This book, focused solely on the emotions of our closest animal companion, is a lot different from the

vet handbook above. It is an effort by a trained (former) psychoanalyst to get into the mind of dogs, to understand the "essence" of a dog's being, which he claims is a bottomless need to give and receive love. Though backed by prodigious research, the author's professional background and close observation of his three dogs (Sasha, Rani and Simi should be credited as co-authors) it is a bit speculative in places, with conclusions built on chains of supposition. Nevertheless, where so many researchers and some dog fanciers too, have denied any emotional life to dogs (he points out that "Pavlov received the Nobel Prize for torturing dogs and creating an artificial insanity in them") thereby justifying incredible mental and physical cruelty, this book is a welcome and thought-provoking alternative. I found it both moving and inspiring, while recognizing its shortcomings. If Masson is even half-right, the bond between man and dog can be even richer and more rewarding than it already is. Imagine that. Also available at Coles (no, I don't own any stock in the company!) for \$32, hardcover.

FROM THE WHELPING BOX

Fern Hunt has a litter of eleven (egads!), 4 males and 7 females, mostly dark red or brindle. By Cardiac Geronemo's Express ex. Waybourne's Umber Dawn.
Call (780) 797-2408.

Charlie MacInnes also has a litter of eleven (what's going on here!?)
Call (905) 640-6832.

Karen Harbert's Desi (Am. Ch. Aelwyd Have Dessert First, Becky's litter sister) is hugely pregnant as of this writing (what, another eleven?!*?), in whelp to Am. Ch. Trailwyn Overnight Express. Desi is by Am./Can. Ch. Aelwyd Pirate Program (with a list of accomplishments as long as my arm!) out of Redbud's Birthday Cake. Brindle puppies are expected in early June.
Call (619) 670-1147.

NOTICE OF THE ANNUAL GENERAL MEETING

Our Club's AGM will be held in conjunction with the National Specialty Show in Cornwall, sometime on the Labour Day weekend. We'll set a time for the meeting once we know the schedule (ring times) for the weekend. Please plan to attend: the AGM is important, usually interesting and sometimes fun....and our wonderful Raffle is held at the AGM! Speaking of the raffle.....

RAFFLE! RAFFLE! RAFFLE!

Here we go again! The Canadian Cardigan Corgi Club Raffle is announced! This is our main fund-raising event of the year, so please help support your club. Tickets are enclosed; they are \$2.00 for three, and additional tickets are available from Marilyn Boissonneault or at the Specialty Show in September. Please write your name and address on the back of the tickets and send them, with your money, to Marilyn. The draw will be held at the AGM; don't worry if you can't be there, if you win we will pick out something nice and mail it to you. If you'd like to donate something for the raffle, send it to me, or better yet, bring it to the AGM.

DOG SHOW IN IRELAND

A friend of mine overseas sent me this true story. I love it and want to share with the club members.

"Yesterday, I experienced a very unusual thing indeed. It might restore someone's faith in humanity! I know it did mine.

As with all forms of competition, there comes a certain amount of ambition, goal grabbing, disappointment, anger and even revenge in extreme cases. Some of it, is just the nature of competition, the majority of it is just malice. Dog showing is no exemption.

Unfortunately, all too often I have stood at ringside and heard malicious comments, bitching and bickering. Dog show people can be very cruel to each other sometimes. I have on occasion been the brunt of these comments, but that's another story.

Well, yesterday I had a breath of fresh air, as it were. I was stewarding at the Rough Collie Club of Ireland's Championship show. It's a relatively popular breed here in Ireland. Always a big entry. They had a wonderful judge from the U.K. This lady has been in the breed since 1949. So, it goes without saying, I was pretty privileged to steward for her.

Anyway, just before the Novice class, one of the club's officials came into the ring and I overheard her tell the judge about the one entry in the class. I thought it was unusual that there was only one entry in the class, but later found out the reason why!

I called the class, and in walked an old man and his Rough Collie. I've only ever seen this man at our St. Patrick's Day show. He's an old man, rough around the edges and, well, his dog is really unkempt by show standards. He marched proudly into the ring with the dog on a great big thick rope lead!

While the judge was going over the dog, I was filled in on his story. I was told that he lives in an old folks home in Galway. (The other side of Ireland.) He has no family left living and no visitors at the old folks home. He's been showing this dog for eight years only ever on St. Patrick's Day or the Club show. He'd travelled 150 miles on a bus yesterday morning, which takes about 5 hours in Ireland. The nurses in his home usually phone the club to tell of his departure, and the club usually phones back when they spot this old man at the show. He has only ever shown the dog in Novice, and people over the years never compete against him.

The nurses told the club officials that when he wins a rosette at a show he wears it for weeks at home in the old folks home. The dog lives with him at the home and is quite a celebrity "Show dog" with all the residents, and the pride and joy of this man's life. He spends half the year telling people about the last dog show and the other half of the year looking forward to the next one!

Anyway, the judge was so considerate to this man. And, boy was he proud to show his dog off. When the judge asked could she look at the dog's teeth, "Oh yes," the man replied and instructed the dog to "Smile." With that the dog showed off a perfect set of choppers! The judge replied "Aren't you a clever dog?" With that the man said "Oh, he is very clever, he'll shake your hand too if you like!" I couldn't help smiling when I heard this, and full credit to the judge, she shook hands with the dog.

The dog won first in the class and every exhibitor at the show gave this old man and his dog a

standing ovation. He was cheered and clapped as he did his own lap around the ring. People came over to the ringside to congratulate and pat the man on the back as he left the ring. Talk about Elvis leaving the building, this man was certainly the king when he won his class. He was just so proud of his accomplishment. He lapped up every minute of it.

It was the first time I'm sad to say that I've seen people being genuinely nice at a dog show. They really made this old man's day. Possibly his year! Heaven help the residents at the old folks home when he returned home last night. Not only did he win a rosette but also won a great big trophy. I'm sure it will take pride of place on the mantle piece.

Isn't this what dog showing SHOULD be about?? Giving people like this old man a day out to enjoy the only family he has: his best pal, his dog. A memory for an old man to hold on to, to brighten his day, something to share with his friends at the old folk's home? Something to be proud of, however small the achievement?

Anyway, that's the story, just a thought, an observation and possibly an inspiration to us all? I know it's one of the happiest memories I have of a dog show."

Thanks once again to Al Alcock for sharing this story with us!

DOROTHY NEWMARCH AND EDDIE

Dorothy Newmarch celebrated her 90th birthday in March. About a month before that she passed her annual driver's license test. She still lives in her own house, and is enjoying life.

Mrs. Newmarch's beloved Cardigan, Penny, passed away last fall, nearly 14. That left the house too lonely, so she asked her family if they could find another Cardigan for her birthday present. Eddie came back to me late last year, almost five years old. He was well trained, but defended his food dish and, we were told, was not tolerant of children. He was well mannered at our place, and accepted visiting children, but we did not push the issue. Well, Eddie has a new home, and is a great success.

Mrs. Newmarch got her first Cardigan about 20 years ago, after many years of well-trained poodles. The two Cardigans, first Mac, then Penny, were well trained, and great companions. She has a real knack for getting the best out of a dog. Long-time readers of this newsletter will remember that Penny became a legend at CCCC herding instinct tests for her keenness and natural herding ability. But I will always remember the first test: the judge said, after 8 minutes, that he had seen plenty. Mrs. Newmarch said in a conversational tone "Penny, dear, that's enough!", and Penny broke off the herding, came and sat in front of her mistress with a friendly and devoted wag of the tail. That, ladies and gentlemen, is control and teamwork.

I have had two reports on Eddie. First I ran into Elva, Mrs. Newmarch's daughter-in-law, at the local hospital, where she is a volunteer. All was happy at Dorothy's house, Eddie fitted in just right. Then, a month ago, I met Stan in our doctor's office, and again, all signs were good. I wish Dorothy and Eddie long and happy lives together.

Charlie MacInnes

CLUB CALENDARS AND SHIRTS

There is still time (but not much!) to order Club calendars and shirts! Remember you can have birthdays, anniversaries and special occasions of all kinds printed on the calendar at the price of \$1.00 per square. It makes the calendar very personal and a great gift for that really hard to buy for person. We had great comments on the '99 calendar and this one is going to be even better so order now to avoid being disappointed, as we will not print a lot of extras. All proceeds go to the Canadian Cardigan Corgi Club.

Calendar Prices: \$20 each prepaid
 \$24 at the Specialty
 \$5 for shipping up to four calendars, \$10 for shipping 5 or more
(Note: Calendars picked up at the Specialty do not require a shipping charge.)
 \$1 per square for your special occasions

If you are getting a square please PRINT clearly the name, date and event on a separate piece of paper or card. Make cheques and money orders payable to the CANADIAN CARDIGAN CORGI CLUB. Would our friends from out of the country please submit in Canadian funds.

Mail photos for the calendar, and calendar orders, to Lore Bruder (address on order form).
If sending photos please mark the envelope: PHOTOS: DO NOT BEND.
If you are picking up calendars at the Specialty, print "pick up" under shipping on the order form.

And Cardigan Shirts!

Remember the lovely T-shirts available at the Pincher Creek Specialty last year? Well, here's your chance to order the 1999 edition! The shirts will be available this year in a wider range of styles. They will be off-white with a black silkscreen of the Club logo, the year and a Cardigan in motion. Once again the artwork will be by Michelle Grant. (We recommend you set the colour on your shirt by soaking it in salt water for 10 minutes before you wash it the first time; the printing will stay dark much longer.)

Styles and prices:

1. GOLF SHIRTS, SHORT SLEEVE ONLY	
A 50% poly / 50% cotton	\$28.00
B 100% cotton	\$38.00
2. SWEAT SHIRTS, LONG SLEEVE ONLY	
C 50% poly / 50% cotton, 12.5 oz	\$29.00
D 10% poly, 90% cotton, 15 oz	\$35.00
E 100% cotton, 19 oz	\$40.00
3. T-SHIRTS, SHORT SLEEVE	
F 100% cotton, 9 oz	\$16.00
G 100% cotton, 8.5 oz	\$15.00
LONG SLEEVE	
H 100% cotton, 9 oz	\$19.00

Please add \$2.00 per item for XXL, or \$3.00 per item for XXXL (if available).
Please add \$5.00 for up to three items for shipping, or \$10.00 for four or more items.
Shirts may be picked up at the Specialty at no charge for shipping.

SPECIALTY UPDATE!

Everything is falling into place for our 1999 Specialty Show. If we haven't convinced you to attend yet, here's some more incentive: other shows nearby to make a circuit!

August 27 - 30: Stormont, Dundas and Glengarry Kennel Club; four outdoor shows at Long Sault, Ontario...about 20 minutes by car west of Cornwall on the St. Lawrence River. Camping is available and it's a beautiful park. Contact:

Diana Edwards
1562 Route 203 tel.: (514) 825-2824
Howick, Quebec
J0S 1G0

September 10-12: Save the Children Fund Committee dog show for charity, at Carp, Ontario, west of Ottawa. Contact:

Dorothy Walker
1539 Glen Rutley Circle tel.: (416) 675-5511 (that's the CKC main number; ask for
Mississauga, Ontario Dorothy by name)
L4X 2AT

See you at the Specialty Show!

ORDER FORM FOR CLUB CALENDARS AND SHIRTS

Your Name:.....Telephone:.....
 Address:.....

Number of calendars ordered: _____
 Number of squares ordered: _____
 (Print information for the squares on a separate sheet)
 Shipping: _____

TOTAL FOR CALENDARS: _____

SHIRTS

Style: number & letter	Size	Number of shirts	Total

Shipping cost:

TOTAL FOR SHIRTS:.....

Mail to: Lore Lee Bruder Telephone: (403) 627-5369
 Box 697
 Pincher Creek, Alberta
 T0K 1W0

Please make cheques or money-orders, payable in Canadian funds, to The Canadian Cardigan Corgi Club.

CARDIGAN WELSH CORGI PROGRESSIVE RETINAL ATROPHY TEST

This form is for submission of blood samples from Cardigan Welsh corgis for DNA test for the alpha cGMP phosphodiesterase mutation form of progressive retinal atrophy only. **COMPLETE IN BLOCK LETTERS**

CALL NAME OF DOG: _____

AKC REGISTERED NAME: _____

AKC NUMBER:

DATE OF BIRTH: - -
mo da yr

SEX: MALE FEMALE (check box)

CHECK LIST:

- Top sections of this form fully completed
- 2ml blood sample in an EDTA tube, labeled clearly with dog's AKC name and your name.
- Return address label
- Full remittance {\$55.00 check made payable to *Michigan State University (Corgi Test)*}

Send all the above with adequate protection for the blood tube to:

**Dr Petersen-Jones,
Corgi Test.
Department of Small Animal Clinical Sciences,
Michigan State University,
D-208 Veterinary Medical Center,
East Lansing, MI 48824-1314**

Your Details and Signed Declaration:

FIRST NAME _____ MIDDLE INITIAL _____ LAST NAME _____

STREET ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE: _____ Email: _____

Declaration: I, _____ certify

that the blood sample enclosed with this form is from the dog described above

signature: _____ Date: _____

FOR OFFICIAL USE ONLY **RESULT:**

This is to certify that the blood sample enclosed with this form and certified by the owner as being from the dog described on the form has undergone a DNA test for the presence of the alpha subunit cGMP phosphodiesterase gene mutation known to cause progressive retinal atrophy in Cardigan Welsh corgis. The blood sample tested was found to be:

RESULT: PDE6A PRA

Signed: _____ Date: _____

SM PETERSEN-JONES DVetMed PhD DVOphtal DipECVO MRCVS

PDE6A PRA AFFECTED = affected for the form of PRA under test.
 PDE6A PRA CARRIER = carrier for the form of PRA under test (will not develop PRA but may pass on the defective gene to any offspring).
 PDE6A PRA UNAFFECTED = genetically clear of this form of PRA

Code:

Lab Ref: