



## HEALTH INFORMATION FOR THE GLEN OF IMAAL TERRIER



© The Kennel Club

### and HEALTH RECORD for

Registered name, as appears on Kennel Club (KC) Owner Registration Certificate	
If your Glen is not registered with the Kennel Club, please record his / her call name	
If your unregistered Glen has KC registered parents, please record names if known	
Sire (father)	Dam (mother)

**GLEN OWNERS ARE ASKED TO HELP MONITOR THE HEALTH OF THIS LOVELY BREED**

**PLEASE TAKE A FEW MINUTES TO FAMILIARISE YOURSELF WITH THIS BOOKLET**

**Keep this record in a safe place e.g. together with your Glen's  
vaccination record / registration certificate / microchip documentation**

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Please visit the EFG website for health updates & developments

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## Health record

If your circumstances change and your Glen has to be re-homed, please give this health record to the new owner. Thank you.

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**THANK YOU FOR HELPING TO MONITOR  
THE HEALTH OF THE GLEN OF IMAAL TERRIER**

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# Resources

## EFG breed club and health information website

[www.e-f-g.co.uk](http://www.e-f-g.co.uk)

❖ **Glen of Imaal Terrier Enthusiasts & Fanciers Club**

Contact details for the EFG Health Coordinator can be found on the EFG website

## DNA testing sessions for GPRA-crd3 & eye testing

[www.optigen.com](http://www.optigen.com)

- ❖ See: **CLINIC SCHEDULE FOR DNA TESTING**  
Sort By: Location  
See under **Non-U.S. Locations**: for UK sessions

Please contact the EFG Secretary or the EFG Health Coordinator for information about DNA testing for crd3 at Bochum, and eye testing sessions

## Kennel Club health and breed information

[www.thekennelclub.org.uk/health](http://www.thekennelclub.org.uk/health)

- ❖ **Breed Information Centre**  
Health Information · Assured Breeders · Breed Standard · Accepted Registration Colours · Pictures · Link to **Health Tests Results Finder**
- ❖ **Health Tests Results Finder**  
Type in the full name of any KC registered dog and find out the results of tests done under the British Veterinary Association / Kennel Club Health Schemes

## Permanent identification (PI)

[www.thekennelclub.org.uk/petlog](http://www.thekennelclub.org.uk/petlog)

### **PETLOG**

The Kennel Club, 4A Alton House, Gatehouse Way,  
Aylesbury, Bucks HP19 8XU  
Tel: 0844 463 3999

[www.dog-register.co.uk](http://www.dog-register.co.uk)

### **THE NATIONAL DOG TATTOO REGISTER**

NDTR, PO Box 5720, Harwich, CO12 3SY  
Tel: 01255 552455

Your Glen must have PI to be eligible to be tested and certified under the BVA/KC Health Schemes and for DNA testing for GPRA-crd3

6<sup>th</sup> April 2016 – Microchipping compulsory in England

# Glen health

The Glen is a relatively healthy breed, with many living in good health into their teenage years. In line with the Kennel Club's "*primary commitment to the health and welfare of dogs*", we are undertaking to monitor the health of our lovely breed ... and your help is needed to do this, please!

This is a lifetime record of your Glen's health. Please keep it in a safe place e.g. with your Glen's vaccination record card. Update the "**Your Glen's health record**" section as necessary, with help from your vet, if required. It is useful to keep receipts, and copies of any health test certificates, laboratory reports, etc. to help with record-keeping.

Periodically, a health survey will be sent out to Glen owners. To keep us up-to-date with our health monitoring, it would be helpful if you notify the EFG Health Coordinator of any serious health conditions soon after time of diagnosis. Contact details can be found on the EFG website. Thank you.

Below is some general Glen health information:

## Skin problems and allergies

page 8

Some young Glens will develop "teenage hot spots" which may require treatment with a course of antibiotics or medicated shampoo. Some Glens can get a little "spotty" when their coats are stripped out. Generally, these situations are self-limiting and do not become recurrent problems.

However, some Glens do have a tendency to on-going skin issues. If your Glen is treated by your vet for on-going skin problems, allergies or alopecia (hair loss), or referred to a veterinary dermatologist (skin specialist), please document this, along with any investigations carried out and medication prescribed **on page 8**.

## Cancer

page 9

There do not appear to be any "trends" with type of cancer diagnosed in Glens, or age of diagnosis. Various different types of cancer have been reported, some with good outcomes, where surgery has cured the condition; but others where the kindest option has been to put the animal to sleep.

If your Glen is diagnosed with cancer, please document the events, from any investigations or specialist referral, to diagnosis, to treatment (surgery or medication or both); and the outcome **on page 9**.

## Joint problems

page 10

The Glen is an **achondroplastic**, or more specifically, an **osteochondrodysplastic** breed i.e. it has characteristics of **dwarfism**. Glens are normal-sized dogs on dwarfed legs. The Kennel Club Breed Standard (Oct 2009 update) describes the forelegs as being "*short, well boned and slightly bowed*" with the front feet "*to turn out slightly from pastern*".

**osteo** : bone      **chondro** : cartilage      **dysplasia** : abnormal growth or development

Development and structure of long bones and joints is different in the Glen. To help reduce any risk of developing joint problems in the future, sensible precautions for puppies are advisable.

Please discourage your Glen puppy from charging up and especially downstairs, or leaping off of beds and chairs, or jumping out of the car during his/her first twelve months, to prevent jarring injuries.

Avoid long walks during the first year. It is recommended that puppies have **5 minutes' daily walk** (up to twice a day) **per month of age** i.e. at 3 months of age : 15 minutes per day (up to twice a day) – 6 months : 30 minutes per day (up to twice a day) – 9 months : 45 minutes per day (up to twice a day). Playtime and training time is additional “fun time” with your puppy!

If you want to do agility with your Glen, it is recommended not to start classes until your Glen is at least one year old.

If your Glen has any on-going or serious joint problems i.e. problems with front or back legs, neck or spine, please document the symptoms, any investigations e.g. X-rays, and treatment **on page 10**.

### **Progressive retinal atrophy (PRA or GPRA)**

**page 13**

Generalised progressive retinal atrophy (GPRA or PRA) is an “umbrella term” for a number of canine inherited eye diseases that cause **blindness**. PRA is characterised by degeneration of the photoreceptor cells (cones and rods) in the retina, leading to gradual deterioration in eyesight and eventual loss of vision. PRA in Glens is of variable age of onset and has variable disease progression. It is known to have an autosomal recessive form of inheritance, which means that a Glen with two copies of the disease gene (one from each parent) will usually go on to develop PRA. A Glen with a single disease gene and one normal gene is termed a carrier but will not develop PRA. A Glen with two normal genes is normal/clear and will not develop PRA. The Glen variant of GPRA is crd3 (cone rod dystrophy 3).

**The availability of a DNA test (since 2010) for GPRA-crd3 means that responsible breeders can now avoid breeding puppies that are at risk of developing the crd3 variant of GPRA.**

### **DNA testing for GPRA-crd3**

**page 13**

It is not necessary for all Glens to be DNA tested for GPRA-crd3 but **any Glen that is to be used for breeding must be DNA tested, unless it is already known to be Hereditary Clear (or Carrier)**. At least one parent of a litter must be DNA tested Clear or known to be Hereditary Clear.

### **Ophthalmoscopic (eye) testing for PRA**

**page 13**

Professor Peter Bedford, Veterinary Ophthalmologist writes, “*Eye examination is essential to ensure that our delightful breed remains free from other potential ocular [eye] disease.*”

**All** Glen owners are encouraged to have their Glens eye-tested two or three times over their lifetime. Responsible breeders should eye test their breeding stock on a more regular basis.

***If you have your Glen DNA tested for GPRA-crd3 or eye-tested for eye disease please record the result(s) on page 13***

In the Kennel Club's Purebred Dog Health Survey (2004) and the Purebred Dog Health Survey (2014), a few health issues were documented with, generally, just one or two Glens being affected.

Please record details if your Glen has a history of any of the conditions listed **on page 11**, or any other serious or on-going health problems.

**DNA archive at the Animal Health Trust (AHT) :** [www.glenarchive.com](http://www.glenarchive.com)

Please visit the Glen Archive website to see how your Glen can make an invaluable contribution to the DNA archive at the AHT. All it takes is 5 simple buccal (cheek) swabs from your Glen, and a £5.00 donation to cover the cost of the DNA swab kit and long-term storage at the AHT. **Please contact the Archive Coordinator – [glenarchive@gmail.com](mailto:glenarchive@gmail.com) – to request a swab kit.**

**VetCompass project :** [www.rvc.ac.uk/vetcompass](http://www.rvc.ac.uk/vetcompass)

The Royal Veterinary College (RVC), in collaboration with the University of Sydney, is undertaking a UK wide long term study of small animal disease. Please visit the VetCompass website for more information about this project. **We encourage all Glen owners to ask their veterinary surgery to consider signing up to the VetCompass project, to help with health surveillance of our lovely breed.**

### **Completing the health record**

1. Please write in your Glen's name on the front cover and fill in the details on page 7 – **"Your Glen's health record"**.
2. If your Glen develops any serious or on-going health problems, please record details in the relevant sections over pages 8 to 11.  
**NB.** Minor illnesses e.g. minor infection treated with antibiotics, do not need to be recorded.
3. Should your Glen develop any serious behavioural issues, for which you need to seek professional help, please record the details on page 12.
4. If your Glen is DNA tested for GPRA-crd3, or has any BVA/KC Health Scheme tests, please record the results on page 13.
5. If your Glen is neutered or spayed, please note this on page 14.
6. If you breed from your Glen, please fill in details on page 15.
7. Please record any unsuccessful matings and/or fertility issues on page 16.
8. Finally, when the time comes, and you feel able to, please complete the **"End of life"** section on page 14.
9. Please feel free to use the **"Further information / veterinary notes"** section on pages 17 & 18.
10. Then, please fill in yours and your vet's details on page 19 and return your Glen's completed health record to the EFG Health Coordinator. **Thank you.**

# Your Glen's health record

Please complete this page and any relevant health information over the next few pages

## YOUR GLEN'S DETAILS

Registered name \_\_\_\_\_

Registration No. \_\_\_\_\_ *As appears on the Kennel Club Owner Registration Certificate*

“Call name” \_\_\_\_\_ *As appears on the Kennel Club Owner Registration Certificate*

Date of birth \_\_\_\_\_  
Date Month Year e.g. 01 Jan 2000

Sex Dog  Bitch

Colour Blue  Blue-brindle  Brindle  Wheaten  Other  \_\_\_\_\_

Microchip No. \_\_\_\_\_ N/A

Tattoo No. \_\_\_\_\_ N/A

Date / age your  
Glen came to you \_\_\_\_\_  
Date Month Year or \_\_\_\_\_ yrs \_\_\_\_\_ mths \_\_\_\_\_ wks

## YOUR BREEDER'S DETAILS

Name (s) \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Postcode \_\_\_\_\_

Tel No(s) \_\_\_\_\_  
\_\_\_\_\_

**If you submit a sample to the Glen DNA archive, please record here:**

Swab sample       Blood sample      Date submitted: \_\_\_\_\_

**Skin problems and allergies**

❖ If your Glen is treated by your vet for on-going skin problems, allergies or alopecia (hair loss), or referred to a veterinary dermatologist (skin specialist), please document this below, along with any investigations carried out and medication prescribed.

**HEALTH RECORD**

Date or age	Problem ~ Symptoms	Investigations ~ Diagnosis ~ Treatment ~ Outcome

**Cancer**

- ❖ If your Glen is diagnosed with cancer, please document the events, from any investigations or specialist referral, to diagnosis (type of cancer), to treatment (surgery or medication or both); and the outcome.
- ❖ It would be helpful to have copies of any histology (laboratory) reports, please.
- ❖ If your Glen develops any lumps / tumours for which there has been no definitive diagnosis i.e. no biopsy taken or histology report, please document details on page 11.

**HEALTH RECORD**

Date or age	Problem ~ Symptoms	Investigations ~ Diagnosis ~ Treatment ~ Outcome

**Joint problems**

❖ If your Glen has any on-going or serious joint problems i.e. problems with front or back legs, neck or spine, please document the symptoms, any investigations e.g. X-rays, and treatment e.g. surgery.

**HEALTH RECORD**

Date or age	Problem ~ Symptoms	Investigations ~ Diagnosis ~ Treatment ~ Outcome

**Other health problems:**

**[i] those listed below [ii] any other serious or on-going health problems [iii] any lumps / tumours for which there has been no definitive diagnosis i.e. no biopsy taken or histology report**

- ❖ In the Kennel Club Purebred Dog Health Survey in 2004, a few health issues were documented with, generally, just one or two Glens being affected. Please record details if your Glen has a history of, or is diagnosed with any of the following:
  - [i] heart murmur [ii] Cushings disease [iii] adverse reaction to vaccination
  - [iv] joint or limb problems – go to page 10 [v] fertility problems – go to page 16 [vi] monorchidism – go to page 16

**HEALTH RECORD**

Date or age	Problem ~ Symptoms	Investigations ~ Diagnosis ~ Treatment ~ Outcome

### **Behavioural issues**

- ❖ The Glen is generally a fairly laid back character and makes a wonderful family companion. However, Glens are terriers, with terrier instincts! Early socialisation – at puppy and/or ringcraft classes – and some obedience training is recommended.
- ❖ If you have any behavioural issues with your Glen, please do talk things through with your breeder, breed club secretary or health representative.
- ❖ If your Glen has exhibited any serious behavioural issues for which you have sought professional help, please record details of the problem, how you dealt with it, and the outcome.

### **HEALTH RECORD**

Date or age	Problem	Action taken and outcome

<p><b>BVA/KC Health Scheme results</b> ~ Please see pages 5 for further information on Glen health tests</p> <p>The Glen is on Schedule A of the BVA/KC Eye Scheme for eye disease ~ Established July 2006</p> <p>The Glen has a KC Official DNA Screening Scheme for <b>GPRC-crds</b> ~ Established October 2010</p> <p>Please record any results your Glen has from the above two schemes, plus any other official health test results</p> <p><b>RECORD OF RESULTS FROM OFFICIAL HEALTH SCHEMES</b></p>	
<p><b>BVA/KC/ISDS Eye Scheme result(s) for eye disease</b> Results published in KC quarterly Breed Records Supplement (BRS)</p>	
Date of test	Result: Unaffected ~ or ~ Affected
<p><b>KC Official DNA Testing Scheme result for <b>GPRC-crds</b></b></p>	
Date of test	Result: Clear ~ or ~ Carrier ~ or ~ Affected
<p><b>Other BVA/KC Health Scheme results / Test results from other registries e.g. CERF ~ PennHIP ~ OFA</b></p>	
Date of test	Which scheme? Hips ~ Elbow ~ Other [Pls specify] e.g. BVA/KC Hips Results e.g. R9 + L8 = 17

### Neutering / spaying

- ❖ The Glen is a numerically small breed that generally has fewer than 60 new puppy registrations each year.
- ❖ Routine neutering and spaying of Glens is of concern, as this may limit the number of potential breeding animals. Please talk to your breeder or the breed health coordinators, as well your vet, before you decide to have your Glen neutered or spayed.

Date or age

Reason for Glen being neutered or spayed

**Males** – If your dog has been neutered, does he cock / lift his leg to urinate (pee)? No  Yes

### End of life

Date of death and age

Circumstances / cause of death

Was a post mortem (autopsy) performed?

No  Yes  If Yes – what were the findings?

**Breeder section**

Anyone thinking of breeding from their Glen (as a first time breeder) is strongly recommended to work with a mentor who can advise on suitability for breeding and potential mates, and provide practical advice and support with mating, and whelping and rearing of the puppies. The breed clubs can provide contact details of experienced breeders who would be happy to share their expertise.

**Litters – KC and non-KC registered** ~ Complete only **DOB of litter & Mated to** (shaded) columns for dogs and **all** (relevant) columns for bitches

**RECORD OF GLEN LITTERS**      Total number of litters: \_\_\_\_\_ N/A  [Has not been used for breeding]

	Date of birth of litter [day / mth / yr] e.g. 01 Jan 2000	Mated to [full name of Glen]	Delivery: N = Normal C = Caesarean B = N and C	No. of live dog pups	No. of live bitch pups	No. of pups stillborn: Dog: D x Bitch: B x	No. of pups that died later: Dog: D x Bitch: B x
1							
2							
3							
4							
5							
6							
7							
8							

**Please \* any litters that had puppies with birth defects and note details on the Further Information / veterinary notes pages (17 & 18)**

**N.B.** The KC will not register more than 4 litters from an individual bitch, and will not register any further litters from a bitch that has already had 2 Caesarean sections [Effective from 1<sup>st</sup> January 2012]

<p><b>Fertility issues</b></p> <p>As well as successful liaisons, it would also be useful to know about any Unsuccessful matings.</p> <p>Please record any matings that did not result in any puppies. [Please use pages 17 / 18 to document any further information]</p>	
Date(s) of mating(s)	Mated to [full name of Glen] – no puppies produced from this/these mating(s)
<p><b>Bitches</b></p> <p>Has your bitch had a pyometra – infection of the uterus? No <input type="checkbox"/> Yes <input type="checkbox"/></p> <p>If Yes, was the pyometra: OPEN <input type="checkbox"/> or CLOSED <input type="checkbox"/>? Was your bitch: TREATED <input type="checkbox"/> or SPAYED <input type="checkbox"/>?</p> <p>Further information ...</p>	
<p><b>Dogs</b></p> <p>Pls <input checked="" type="checkbox"/> if your Glen puppy had : [i] only one testicle 16descended into the scrotum (monorchidism) <input type="checkbox"/> or [ii] neither testicle 16descended <input type="checkbox"/></p> <p>If <input checked="" type="checkbox"/>, did your dog undergo orchidopexy – an operation to bring down the testicle(s) into the scrotum? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Further information ...</p>	





When that sad time comes and your Glen dies, we should be grateful if you would kindly complete the “End of life” section on page 14 and return your Glen’s health record to the EFG Health Coordinator.

Contact details can be found on the EFG website: [www.e-f-g.co.uk/](http://www.e-f-g.co.uk/)

Please check that you have completed the following pages / sections:

1. Your Glen’s health record – **YOUR GLEN’S DETAILS** and **YOUR BREEDER’S DETAILS** on page 7
2. Any relevant information on the **Health record & Breeders’ section**
3. **End of life** section on page 14
4. Yours & your vet’s name, address and telephone number at the bottom of this page

It would be useful if you could also include copies of the following, if applicable:

- ❖ health test reports
- ❖ laboratory reports
- ❖ post mortem (autopsy) report

Your details (optional)

Name(s) \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Postcode \_\_\_\_\_

Tel No(s) \_\_\_\_\_

Your vet’s details (optional)

Name(s) \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Postcode \_\_\_\_\_

Tel No(s) \_\_\_\_\_

*Wishing your Glen a happy and healthy life  
and hoping you enjoy many wonderful years together!*



*Thank you for completing this health record  
and helping to monitor the health of our lovely breed*

If you and your Glen are happy to participate in future health surveys please email the following information to the EFG Health Coordinator

- ❖ Your name/s
- ❖ Your Glen's Kennel Club registered name & call name
- ❖ Your Glen's date of birth *Date Month Year e.g. 01 Jan 2000*

Contact details can be found on the EFG website: [www.e-f-g.co.uk/](http://www.e-f-g.co.uk/)

***Thank you!***

All information provided in this health record will be kept in the strictest confidence

Statistical data from this information may be used for published health reports

Glen names & breeders' names and contact details are requested so that any emerging trends from a particular kennel / line can be notified to the breeder

Names will not be published in reports