



Deerhound

Pedigree Breed Health Survey

Forms were received representing 87 living dogs & 20 deceased dogs.

Mortality results

A total of 20 deaths were reported, representing 0.36% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Deerhound was 0 years to 16 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N = 20 deceased dogs).

| Cause of death |
|--|
| Cardiac (heart) Failure |
| Cardiomyopathy |
| Bone tumour |
| Aggression |
| Arthritis |
| Cancer - unspecified |
| Cardiac Tumour |
| Gastric dilation-volvulus syndrome (GDV)/Bloat |
| Kidney Failure |
| Old Age |
| Old Age combinations |
| Splenic tumour |

Morbidity results

The 87 live Deerhounds represented 0.20% of total dogs in the survey. The median age of live dogs for the breed was 3 years (Table 2). Of the 87 Deerhounds which the survey covers, 60 had reported no conditions and 27 reported affected by at least one condition (min = 1 condition(s), max = 4 conditions), giving a total of 40 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Deerhounds are shown in Table 3. There were 63 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 5 years (min = 0 years, max= 11 years, Figure 3). The ages for the most common conditions is displayed in Figure 4. Table 5 shows the frequency of occurrence of the most commonly reported disease conditions for the Deerhound.

Table 2: The summary statistics for the dogs' current age when survey was completed

| Number of Dogs | Mean age (years) | Median age (years) | Min age (years) | Max age (years) |
|----------------|------------------|--------------------|-----------------|-----------------|
| 87 | 4.06 | 3 | 0 | 11 |

Table 3: Gender, neuter status and age summary statistics for dogs where gender and neuter status was reported

| Sex | Neuter status | Age known | Count | Mean age neutered (years) | Median age neutered (years) | Min age neutered (years) | Max age neutered (years) |
|--------|---------------|-----------|-------|---------------------------|-----------------------------|--------------------------|--------------------------|
| Female | Neutered | Yes | 12 | 1.67 | 2 | 0 | 5 |
| Female | Not neutered | No | 31 | NA | NA | NA | NA |
| Female | Unknown | No | 5 | NA | NA | NA | NA |
| Male | Neutered | Yes | 11 | 1.64 | 1 | 0 | 5 |
| Male | Not neutered | No | 24 | NA | NA | NA | NA |
| Male | Unknown | No | 4 | NA | NA | NA | NA |

Table 4: The body condition comment and the age of the dog when this comment was made

| Body condition | Count | Mean age (years) | Median age (years) | Min age (years) | Max age (years) |
|----------------------------|-------|------------------|--------------------|-----------------|-----------------|
| No comment was made by vet | 2 | 4.00 | 4 | 0 | 8 |
| Normal | 55 | 3.29 | 2 | 0 | 9 |
| Somewhat overweight | 1 | 5.00 | 5 | 5 | 5 |
| Somewhat underweight | 5 | 3.00 | 2 | 0 | 8 |

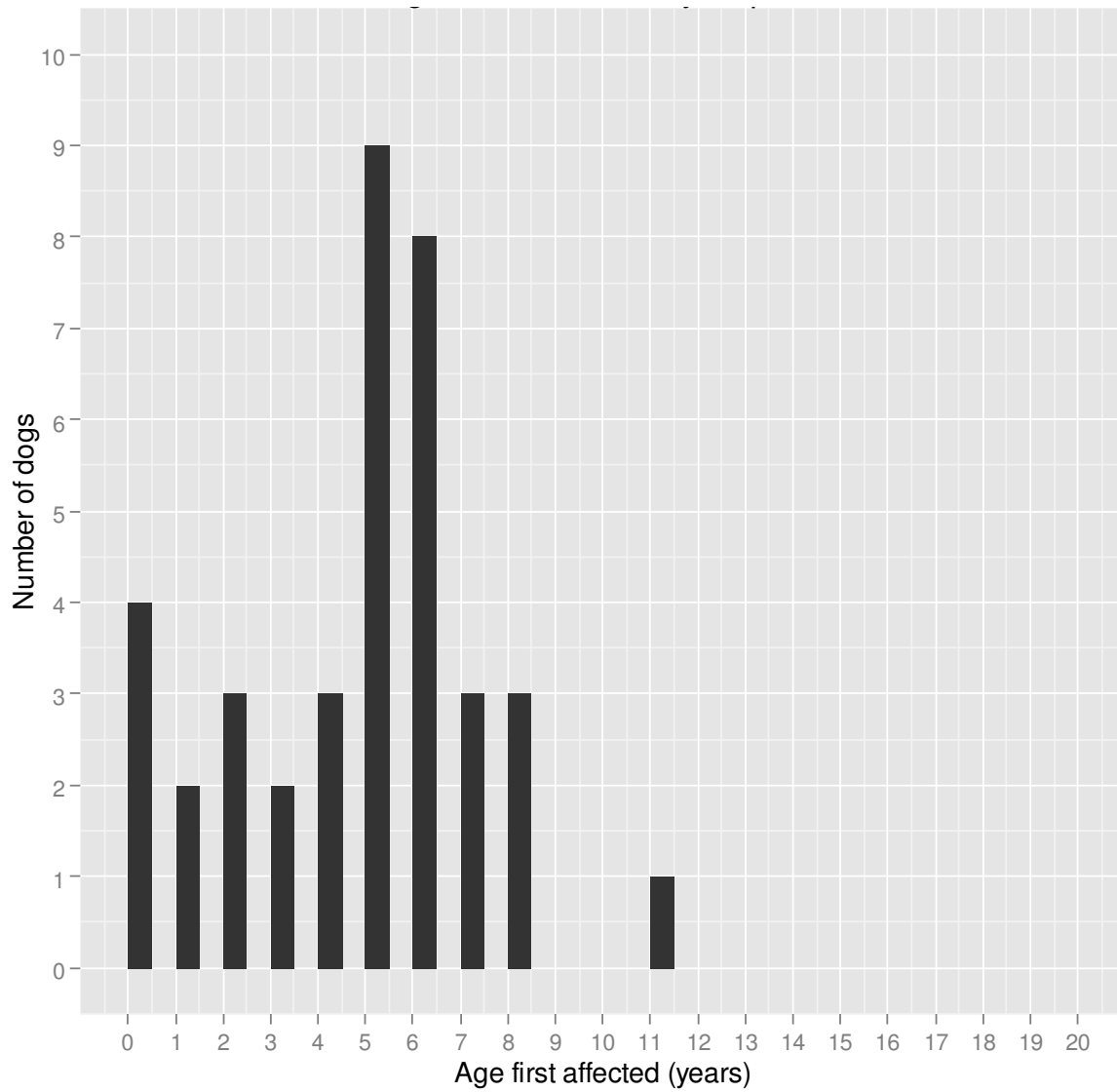


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

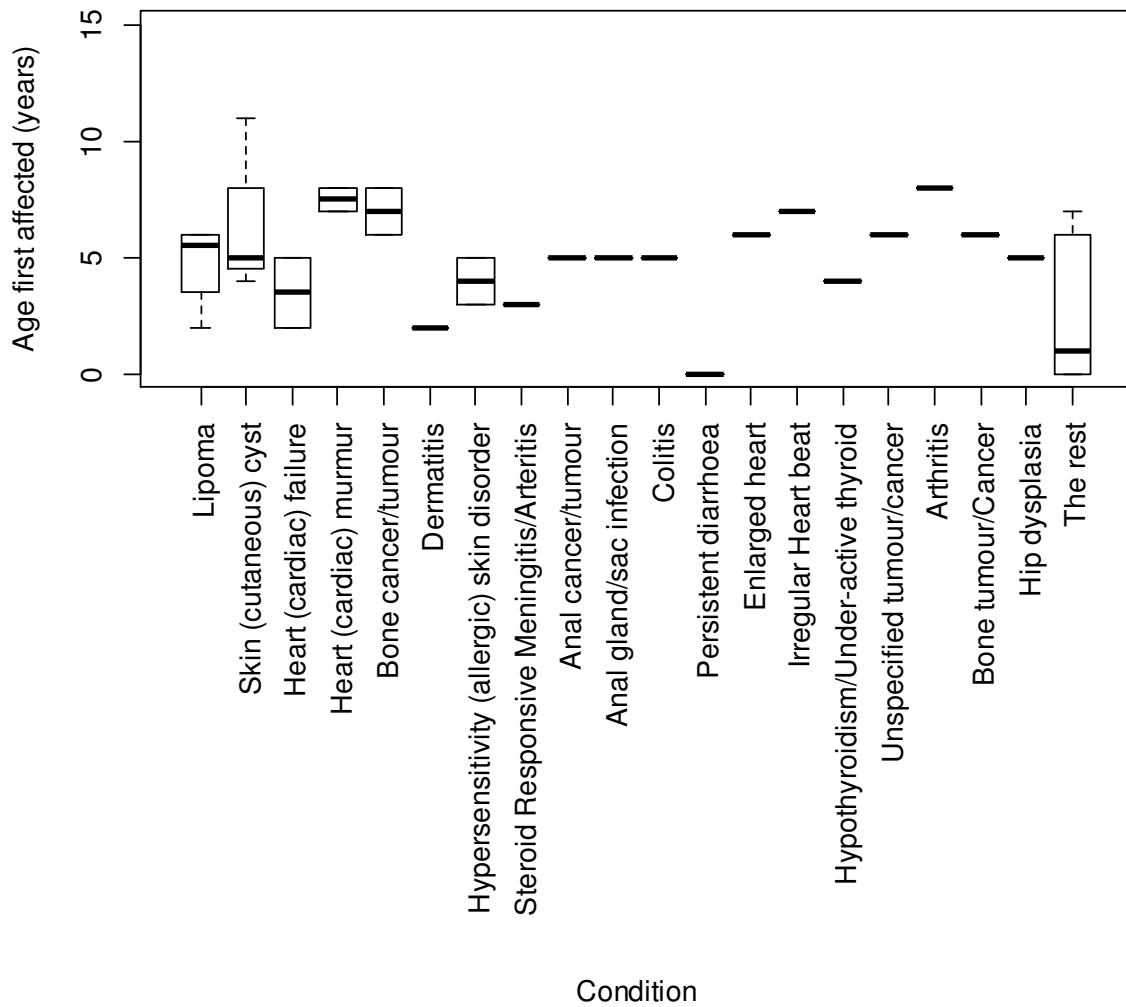


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 87 live dogs)

| Condition | Number of cases of disease | Proportion (%) | Prevalence (%) |
|---|----------------------------|----------------|----------------|
| Lipoma | 4 | 10.00 | 4.60 |
| Skin (cutaneous) cyst | 4 | 10.00 | 4.60 |
| Bone cancer/tumour | 2 | 5.00 | 2.30 |
| Dermatitis | 2 | 5.00 | 2.30 |
| Heart (cardiac) failure | 2 | 5.00 | 2.30 |
| Heart (cardiac) murmur | 2 | 5.00 | 2.30 |
| Hypersensitivity (allergic) skin disorder | 2 | 5.00 | 2.30 |
| Anal cancer/tumour | 1 | 2.50 | 1.15 |
| Anal gland/sac infection | 1 | 2.50 | 1.15 |
| Arthritis | 1 | 2.50 | 1.15 |
| Bone tumour/Cancer | 1 | 2.50 | 1.15 |
| Colitis | 1 | 2.50 | 1.15 |
| Enlarged heart | 1 | 2.50 | 1.15 |
| Hip dysplasia | 1 | 2.50 | 1.15 |
| Hypothyroidism/Under-active thyroid | 1 | 2.50 | 1.15 |
| Irregular Heart beat | 1 | 2.50 | 1.15 |
| Persistent diarrhoea | 1 | 2.50 | 1.15 |
| Steroid Responsive Meningitis/Arteritis | 1 | 2.50 | 1.15 |
| Unspecified tumour/cancer | 1 | 2.50 | 1.15 |
| Urolithiasis (Urate crystals) | 1 | 2.50 | 1.15 |

Proportion of morbidity as %= N/40 disease conditions, prevalence %= N/87 live dogs

Summary

From the dogs surveyed, most Deerhounds were not affected by a disease condition (68.97%). There were two most commonly reported disease conditions representing an equal proportion of live dogs; these were lipoma and skin (cutaneous) cyst. There were two most commonly reported causes of death representing an equal proportion of deaths; these were cardiac (heart) failure and cardiomyopathy.