

Report from the Kennel Club/
British Small Animal Veterinary Association
Scientific Committee

Summary results of the
Purebred Dog Health Survey
for the Chinese Crested breed

Warning: The results of this survey and particularly the breed-specific analyses should be interpreted with caution. The overall response rate was only 24% with breed-specific response rates from 4.5% to 64.7%.

The Chinese Crested breed

A total of 68 forms were sent out and 13 were returned, representing 76 live dogs. This breed had a 19.1 % response rate (13/68) and it represented 0.09% of all returns (13/13,741).

Mortality data

A total of 14 deaths were reported and this represents 0.09 % of all deaths reported in the survey (14/15,881). The median age at death for the Chinese Crested breed was 10 years and 1 month (min = 4 years and 10 months, max = 16 years and 2 months) and this was lower than the overall median of 11 years and 3 months (Figure 1). Table 1 shows the causes of death for the Chinese Crested breed. Age at death is presented for the most common causes of death (Figure 2).

Table 1. Causes of death by organ system/category for the Chinese Crested breed.

Cause of death	No. of deaths	% of deaths	Most common specific causes in descending order
1 Cardiac	6	42.9	Heart failure; heart disease unspecified; heart attack
2 Urologic	2	14.3	Chronic kidney failure
3 Cerebral vascular	1	7.1	Stroke or cerebral vascular accident
4 Old age	1	7.1	Old age
5 Poisoning	1	7.1	
6 Reproductive	1	7.1	Pyometra
7 Sudden death	1	7.1	
8 Unknown	1	7.1	
Total	14	100.0	

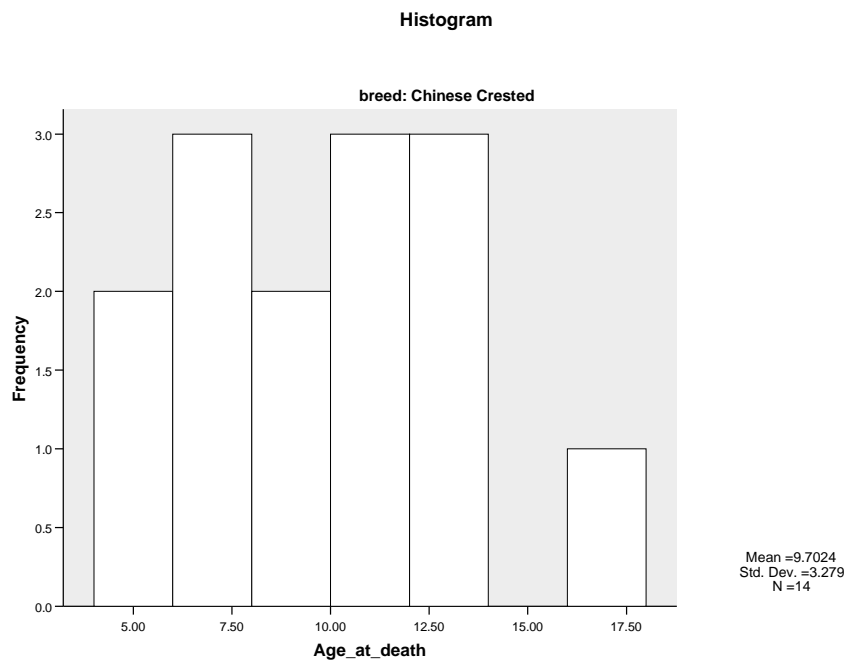


Figure 1. Histogram showing the frequency (as number of dogs) of age at death (in years) for the 14 Chinese Crested deaths with age at death reported.

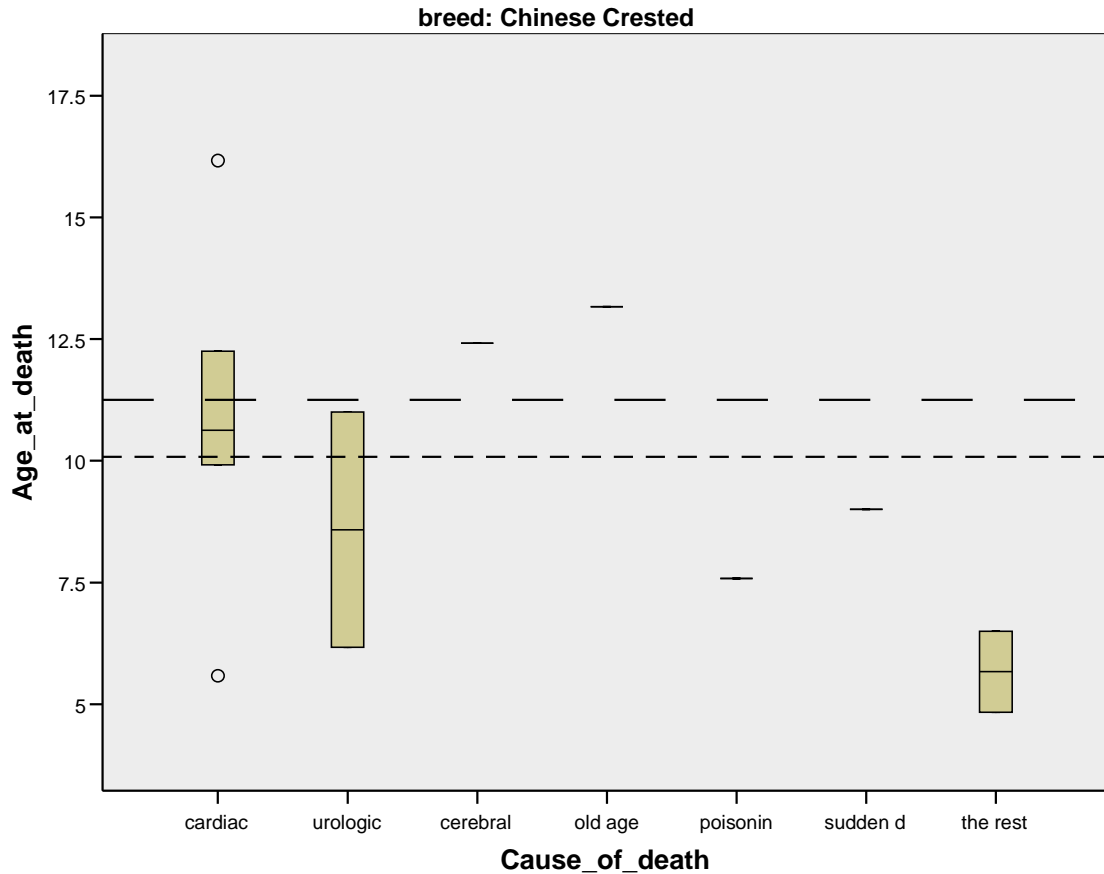


Figure 2. Box and whisker plot of age at death in years for the most common causes of death in the Chinese Crested breed (N=14). The dashed line (---) is the overall median age at death for all dogs in the survey and the dotted line (----) is the overall median age of death for the Chinese Crested breed. The solid line within each grey box represents the median age at death from the condition.

Morbidity data

The median current age of the 76 live dogs with a reported age was 4 years and 0 months (min=3 months, max=14 years and 8 months, Figure 3). Health information was reported for 76 live dogs of which 52 (68%) were healthy and 24 (32%) had at least one reported health condition, resulting in a total of 30 reported conditions with a median of 1 condition/dog (min=1, max=2).

The median current age of all healthy dogs with a reported age (N=52) was 3 years and 4 months (min=3 months, max=14 years and 8 months). The distribution of gender and neuter status is shown in Table 2.

The median current age of all dogs with one or more disease conditions and a reported age (N=24) was 6 years and 9 months (min=5 months, max=14 years). The median age at diagnosis for all disease occurrences with a reported age at diagnosis (N=29) was 2 years and 6 months (min= 4 months, max= 10 years, Figure 4). Table 3 shows the disease conditions for the Chinese Crested breed. Age at diagnosis is presented for the most common disease conditions (Figure 5).

Table 2. Distribution of gender and neuter status for 76 the Chinese Crested breed with reported gender and neuter status.

Gender	Neuter status		Totals
	Intact	Neutered	
Female	40	8	48 (63%)
Male	24	4	28 (37%)
Totals	64 (84%)	12 (16%)	76 (100%)

There was no association between gender and neuter status (P=0.7836).

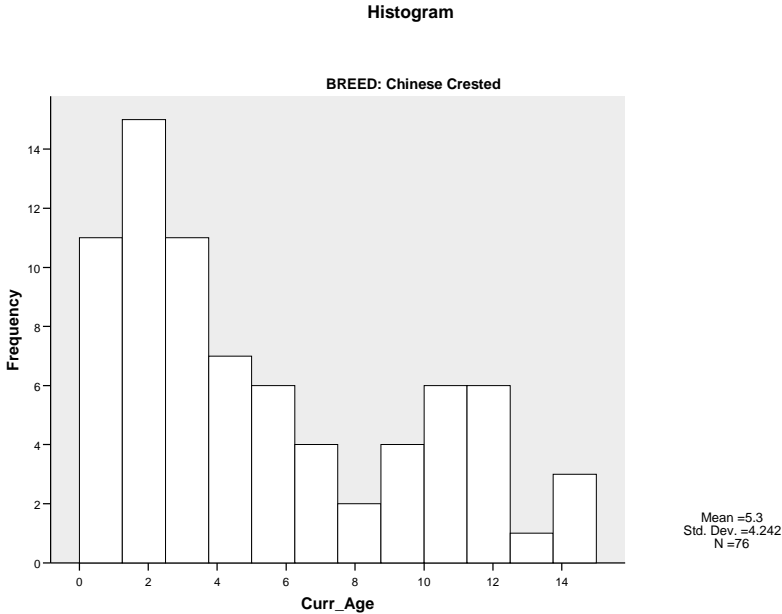


Figure 3. Histogram showing frequency of current age in years for the 76 live Chinese Crested breed with age reported.

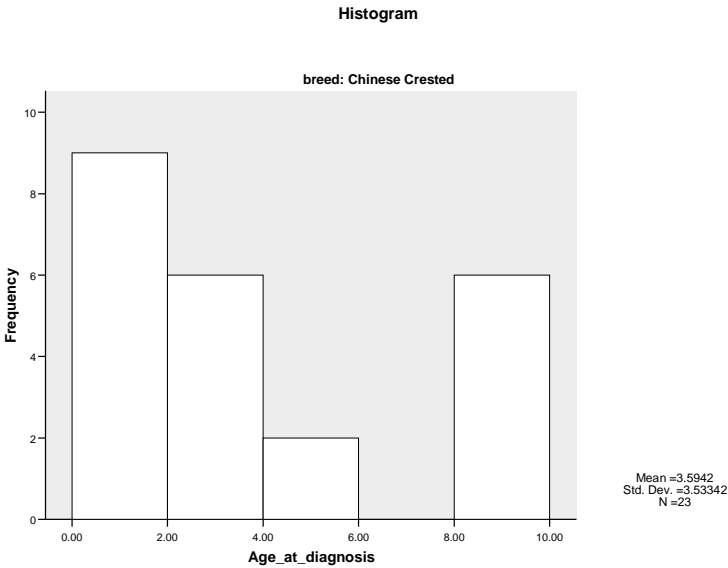


Figure 4. Histogram showing frequency of age at diagnosis for the 23 Chinese Crested breed with one or more disease conditions, using the youngest age at which a disease condition was first reported for those dogs with more than one disease condition or episode.

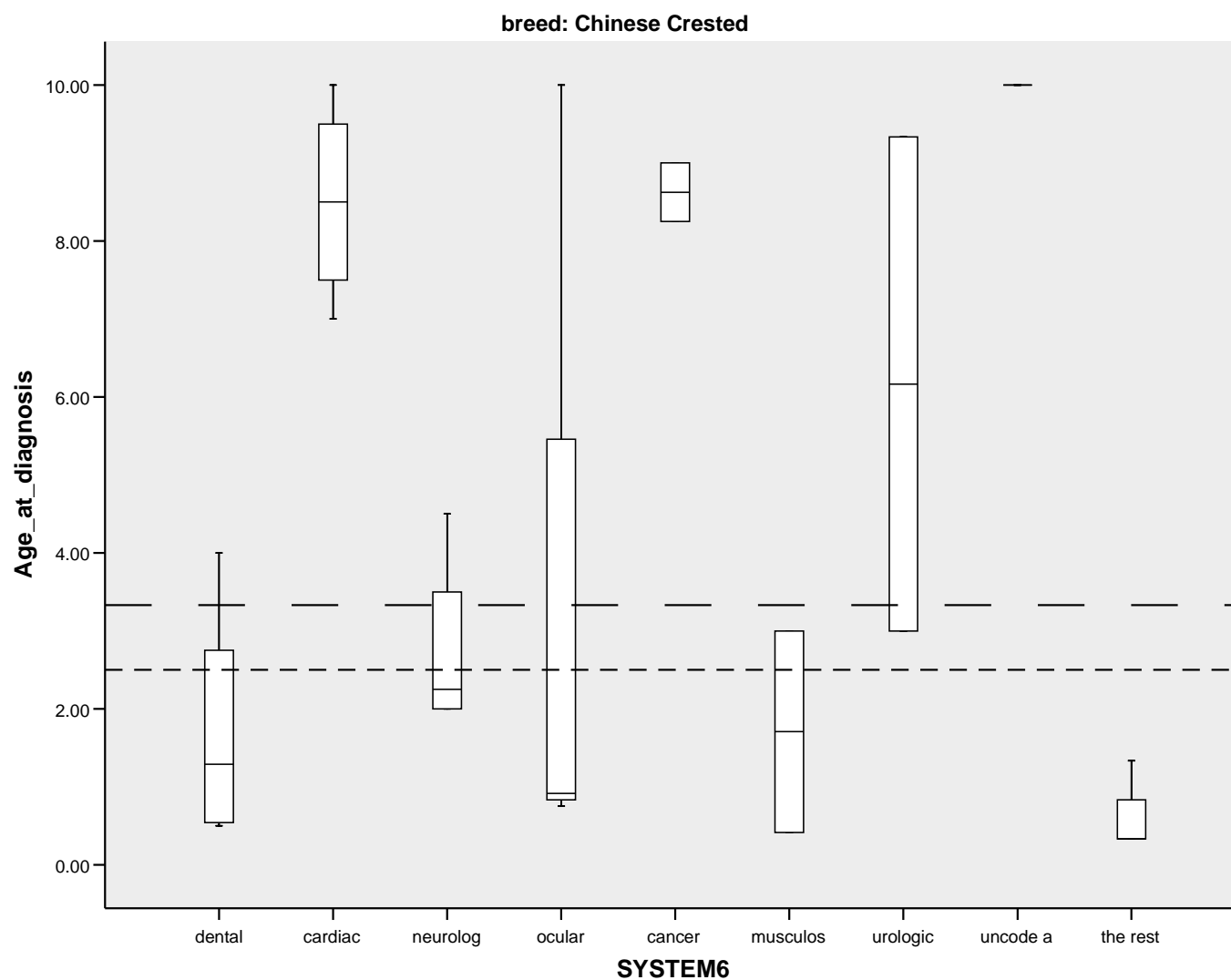


Figure 5. Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order for the Chinese Crested breed (N=29 conditions with age reported). The dashed line (---) is the overall median age at diagnosis for all dogs in the survey and the dotted line (----) is the overall median age at diagnosis for the Chinese Crested breed. The solid line within each grey box represents the median age at diagnosis from the condition.

Table 3. Disease conditions by organ system/category for the Chinese Crested breed.

Disease condition	All conditions		Most common specific conditions in descending order
	N	%	
1 Dental	8	26.7	Dental disease; retained puppy teeth
2 Cardiac	4	13.3	Heart murmur
3 Neurologic	4	13.3	Seizures; IVDD
4 Gastrointestinal	3	10.0	Colitis; diarrhoea
5 Ocular	3	10.0	Blepharitis; KCS; glaucoma
6 Cancer	2	6.7	Type unspecified (mammary)
7 Musculoskeletal	2	6.7	Patellar luxation; prognathism
8 Urologic	2	6.7	Cystitis; cystouroliths (unspecified)
9 Dermatologic	1	3.3	Mites (demodex)
10 Uncode and other	1	3.3	Perianal hernia
Total	30	100.0	