NORWEGIAN BUHUND CLUB OF UK

Health Survey 2021

Compiled by
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Available from Web: https://norwegianbuhund.org.uk/
**Introduction**

The Norwegian Buhund Club of the UK (the Club) Annual General Meeting 2021 approved an International Health Survey in order to:

1. Establish a base line upon which further survey results can be tested
2. Identify health concerns and trends that are current within the breed
3. Enable further investigations of health concerns

**Response**

The Survey was issued to all members of the Club. Links provided on all Norwegian Buhund social media sites. A two-week completion window was allowed.

There were 121 responses from 10 countries and we would like to thank all the respondents.

Demographics: Is your Buhund still alive?

YES 99

NO 17

Age at survey

Age at death
**PNK (PNC) – Pulverulent Nuclear Cataract**

- **DOG 1** – First test, 2y, affected.
- **DOG 2** – Tested yearly from 1y. Clear until age 11, affected (mild).
- **DOG 3** – Tested yearly from 1y. Clear until age 5, affected.
- **DOG 4** – First 2 tests clear. Third test, 4½y, affected. Fourth test, 5½y, clear.
- **DOG 5** – First test, 1y, clear. Second test, 2y, affected.
- **DOG 6** – First test 1½y clear. Second test, 3y, affected.
- **DOG 7** – First test, 1½y, affected.
- **DOG 8** – Three tests, 1-4y, clear. Test 4, 6½y, affected. Retinal scar also detected.

* Report of a dog with two fully tested clear parents producing an affected puppy.

**HC – Hereditary Cataract**

- **DOG 1** – First test, 1½y, clear. Second test, 4y, affected.
- **DOG 2** – First test, 2y, affected.
- **DOG 3** – First test, 1¾y, affected.
- **DOG 4** – First and second tests, 1y and 2½y, clear. Third test, 6y, affected.

**RD – Retinal dysplasia**

- **DOG 1** – First test, 1y, affected with MRD (Multifocal Retinal Dysplasia). Tests at 1½y, 2½y, 5y, clear. Test at 6½y, PNK and MRD detected.

*MRD is similar to Collie Eye Anomaly in that it is not always visible in adult dogs. Breeds known to be affected are litter screened when the disease is detectable.*

**OTHER**

- **DOG 1** – Yearly tests 1-3y, clear. Subsequent tests, 4y and 5y, retinopathy detected.
- **DOG 2** – First test, 1½y, affected by corneal dystrophy. Subsequent 3 yearly tests, clear.
- **DOG 3** – First and second test, 1y and 2y, Posterior Suture lines reported.
## Construction (Hips, elbows, patella)

<table>
<thead>
<tr>
<th></th>
<th>OFA</th>
<th>FCI</th>
<th>BVA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Excellent</strong></td>
<td>A-1</td>
<td>1</td>
<td>0-4 (no hip &gt;3)</td>
</tr>
<tr>
<td><strong>Good</strong></td>
<td>A-2</td>
<td>7</td>
<td>5-10 (no hip &gt;6)</td>
</tr>
<tr>
<td><strong>Fair</strong></td>
<td>B-1</td>
<td>2</td>
<td>11-18</td>
</tr>
<tr>
<td><strong>Borderline</strong></td>
<td>B-2</td>
<td>3</td>
<td>19-25</td>
</tr>
<tr>
<td><strong>Mild</strong></td>
<td>C</td>
<td>15</td>
<td>26-35</td>
</tr>
<tr>
<td><strong>Moderate</strong></td>
<td>D</td>
<td>1</td>
<td>36-50</td>
</tr>
<tr>
<td><strong>Severe</strong></td>
<td>E</td>
<td>15</td>
<td>51-106</td>
</tr>
</tbody>
</table>

(Hip International Ratings Matrix – An approximation. Provided by OFA)

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### OTHER RESULTS

**Elbow Dysplasia –**

- **OFA Normal** – 8 dogs.
- **FCI 0/0** – 4 dogs.

**Patella –**

- **OFA Normal** – 2 dogs.

**Back/spine –**

- **FCI LTV 0** – 1 dog
- **FCI VA 0** – 1 dog.
DIGESTIVE SYSTEM

ISSUES RAISED

- Pancreatitis – 1 dog
- Lymphangiectasia - 1 dog
- Protein Losing Enteropathy – 1 dog
- Irritable Bowel Disease – 4 dogs
- General Sensitivity* – 2 dogs

*Vomiting, colitis, chronic diarrhea.
CEREBELLA ATAXIA (DNA TEST)

*Table includes 9 genetically clear*

THYROID (Hypothyroidism)

NO
108

YES
9

Age of onset

No. of dogs

0-2 3-5 6-8 9-11 12-14
EPILEPSY (Idiopathic)

DOG 1:
Seizures at 9 months, 24 months and 26 months.
No further seizures. No medication.

DOG 2:
First seizure at 2 yrs.
Managed with medication.

AUTOIMMUNE DISEASE

NO 118
YES 0
CCD (Canine Cognitive Dysfunction – Dementia)

DOG 1:
Age of onset 10 yrs
SYMPTOMS:
Sleep disturbance
Generalised anxiety
Inappropriate noise
Pacing
Staring at walls

DOG 2:
Age of onset 14 yrs
SYMPTOMS
Sleep disturbance
Generalised anxiety
Pacing

DOG 3:
Age of onset 10 yrs
SYMPTOMS:
Generalised anxiety
Pacing
Staring at walls
Fewer interactions
Disorientation
CANCER

NO 101

YES 16

TYPE OF CANCER
- Testicular
- Lymphoma
- Melanoma
- Basal squamous cell carcinoma
- Mast cell tumour

AREA AFFECTED
- Testicles – 3 dogs
- Stomach – 3 dogs
- Back/spine – 2 dogs
- Throat; liver; neck; nasal; third eyelid; lung; chest – 1 dog each

AGE OF ONSET
- 7 years – 3 dogs
- 8 years – 1 dog
- 9 years – 2 dogs
- 10 years – 2 dogs
- 11 years – 2 dogs
- 12 years – 4 dogs
- 13 years – 2 dogs
SUMMARY

Has this survey been successful? A question that is measured through the successful achievement of the three objectives, set out above.

Firstly, thanks to all of the owners taking the time to complete we now have a base line. In years to come, we will be able to make meaningful comparisons of survey results.

This, in turn, satisfies the second objective. Being able to make these comparisons means that we aren’t relying on hearsay, memory or gut instinct to identify health concerns. Being able to say for definite that there is an increase, or decrease, in incidence of health issues will provide us with a great advantage going forward.

Finally, the Breed Health Coordinators and Club Committees have recorded evidence on which to base their recommendations to breeders and owners to ensure a happy, healthy and bright future for the Norwegian Buhund.

It is our greatest hope that individuals, Clubs and breeders will work together and with specialist to see this happen.

Thank you.

Lorraine Bolton  Margaret Deuchar  Sarah Stonton
Chairman  Breed Health Coordinator  Veterinary Surgeon