Norwegian Elkhound

**Ocular disorders known or presumed to be inherited (published)**

<table>
<thead>
<tr>
<th></th>
<th>Diagnosis</th>
<th>Description and comments specific to the breed</th>
<th>Inheritance</th>
<th>Gene/ marker test</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Glaucoma</td>
<td>Primary open angle (POAG)</td>
<td>Autosomal recessive</td>
<td>ADAMTS10</td>
<td>1,2,7</td>
</tr>
<tr>
<td>B</td>
<td>Rod dysplasia (rd)</td>
<td>Rod photoreceptors fail to develop normally. Vision impairment in dim light by 6 months and total blindness at 3-5 years. (Seems to have been bred out of the population)</td>
<td>Presumed autosomal recessive</td>
<td>NO</td>
<td>3,4</td>
</tr>
<tr>
<td>C</td>
<td>Early retinal degeneration (erd)</td>
<td>Night blind at 6 weeks and blind by 1 year of age</td>
<td>Autosomal recessive</td>
<td>STK38L</td>
<td>5,6,8</td>
</tr>
</tbody>
</table>

**The ECVO’s advice relating to hereditary eye disease control**

Please see ECVO Manual chapter 8: VET Advice

**Recommendations regarding age and frequency for eye examinations**

Please see ECVO Manual chapter 7: ECVO Age and Frequency recommendations

**Other ocular disorders (reported)**

*Known and Presumed Hereditary Eye Diseases (KP-HED) in Dogs and Cats*
Diagnosis | Source |
---|---|
A Distichiasis | ACVO genetics committee |
B Persistent pupillary membranes | ACVO genetics committee |
C Cataract | ACVO genetics committee |
D Retinal Dysplasia - folds | ACVO genetics committee |
E Late onset progressive retinal atrophy (prcd-PRA) | British eye panel |
F Ectropion | ACVO genetics committee |
G Uveal cysts | ACVO genetics committee |

**References**


