

Canine Eye Registration Foundation

2009 Eye Disease Incidence Report, Shetland Sheepdogs*

Total number of Shelties examined: 645[†]
 Sheltie having normal eye exams (does not include those receiving “breeder option”): 503 78%

<u>Conditions considered “breeder option”. (Will still receive a CERF number)‡</u>	<u># of dogs</u>	<u>% of total examined</u>
Corneal dystrophy (Includes corneal dystrophy with lipid deposits and other causes):	22	(3.4%)
Distichia:	30	(4.6%)
Persistent pupillary membranes (iris to iris).....	43	(6.7%)
Microphthalmia (small, underdeveloped eye, congenital).....	0	(0.0%)

Conditions resulting in rejection by CERF for a number (not recommended for breeding)

Choroidal hypoplasia (Collie eye anomaly – CEA).....	0	(0.0%)
Retinal atrophy – generalized (both eyes).....	0	(0.0%)
Retinal atrophy – suspicious (both eyes).....	2	(0.3%)
Cataracts		
Anterior cortex diffuse.....	0	(0.0%)
Anterior cortex intermediate.....	2	(0.3%)
Equatorial cortex intermediate.....	1	(0.15%)
Generalized cataract.....	0	(0.46%)
Nucleus intermediate.....	1	(0.15%)
Posterior cortex intermediate.....	3	(0.46%)
Persistent pupillary membranes		
Iris to cornea.....	1	(0.15%)
Iris to lens.....	2	(0.3%)

* The above does not include all conditions mentioned in the report.

† All recheck examinations in the same year are excluded from the report.

‡Recommend to breed away from these problems.

Informational web links:

Canine Eye Registration Foundation: <http://www.vmdb.org/cerf.HTML>

American College of Veterinary Ophthalmologists: <http://www.acvo.com/new/public/public1.shtml>

Optigen, testing for inherited eye diseases of purebred dogs: <http://www.optigen.com/>

Eye anatomy: <http://www.gopetsamerica.com/dog-health/eye.aspx>

Corneal dystrophy:

<http://www.vmdb.org/dx2.html>

http://www.eyevet.ca/corneal_dystrophy.html

<http://www.upei.ca/~cidd/Diseases/ocular%20disorders/corneal%20dystrophy.htm>

Distichia: http://www.acvo.com/new/public/common_diseases/distichiasis.shtml

Persistent pupillary membranes:

<http://www.vmdb.org/dx1.html>

<http://www.terrificpets.com/articles/Persistent-Pupillary-Membrane.asp>

<http://www.lowchensaustralia.com/health/ppm.htm>

Microphthalmia:

<http://www.upei.ca/~cidd/Diseases/ocular%20disorders/microphthalmia.htm>

<http://sydney.edu.au/vetscience/lida/dogs/search/disorder/199/Microphthalmia>

<http://www.samoyedhealthfoundation.org/diseases/microphthalmia>

<http://www.terrificpets.com/articles/dogs/health/acquired-disorders/Microphthalmia/>

Choroidal hypoplasia (Collie eye anomaly – CEA):

http://www.petmd.com/dog/conditions/eyes/c dg_collie_eye_anomaly

<http://www.colliehealth.org/eyes.html>

Retinal atrophy:

<http://www.vmdb.org/dx3.html>

<http://animaleyecare.net/diseases/pra.htm>

<http://www.peteducation.com/article.cfm?c=2+2092&aid=343>

<http://www.akcchf.org/canine-health/your-dogs-health/disease-information/progressive-retinal-atrophy.html>

Cataracts:

<http://www.gopetsamerica.com/dog-health/cataracts.aspx>

http://www.acvo.com/new/public/common_diseases/cataracts.shtml

PHPV/PTVL:

<http://www.dobermanns.info/info/PHTVL.htm>

<http://www.kingcharles.se/enphtvl.htm>

<http://nitroline-blues.webs.com/phpv12hcinfo.htm>