

Northern Inuit Dog	
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### Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Oculoskeletal dysplasia	Macroglobus, varying combinations of microphakia, spherophakia, cataract, persistent hyaloid remnants, vitreal syneresis, retinal dysplasia, retinal detachment  ostechondrodysplastic changes (disproportionate shortening of limbs, axial skeleton and antebrachial growth deformities)	Autosomal recessive trait	COL9A3	1,2

### 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)**

	Diagnosis	Source
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**References**

1. Stavinohova R, Ricketts SL, Hartley C , Pettitt L, Tetas R, Burmeister L, Hitti RJ, Oliver JAC & Mellersh CS. Genetic investigation of oculoskeletal dysplasia in the Northern Inuit Dog. ECVO Annual Meeting, Estoril (Portugal), 18-21/05/2017
2. Stavinohova R et al. Clinical, histopathological and genetic characterisation of oculoskeletal dysplasia in the Northern Inuit Dog. PloS One. 2019;14(8):e0220761