


<b>Bouvier des Flandres</b>	
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**Ocular disorders known or presumed to be inherited (published)**

	<b>Diagnosis</b>	<b>Description and comments specific to the breed</b>	<b>Inheritance</b>	<b>Gene/ marker test</b>	<b>References</b>
<b>A</b>	Microphthalmia and multiple congenital anomalies		Presumed autosomal recessive	NO	1,5
<b>B</b>	Entropion	Lateral canthus, upper and lower eyelid	Unknown	NO	1,2
<b>C</b>	Persistent pupillary membranes -iris to iris		Unknown	NO	2
<b>D</b>	Cataract	1. posterior cortical cataract between 3 months and 1 y.o.  2. posterior subcapsular triangular appears at 5 y.o.	Unknown	NO	1,2
<b>E</b>	Glaucoma	Related to pectinate ligament anomaly (PLA) ; between 3.5 months and 14	Unknown	NO	1,2,3,4,6

		y.o. ; females are more prone to develop glaucoma			
<b>F</b>	Persistent hyperplastic primary vitreous/Persistent hyperplastic tunica vasculosa lentis (PHTVL/PHPV)		Unknown	NO	5
<b>G</b>	Progressive Retinal Atrophy (PRA)	Blind > 8 y.o.	Unknown	NO	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)**

	<b>Diagnosis</b>	<b>Source</b>
<b>A</b>	Distichiasis	ACVO genetics committee
<b>B</b>	Corneal dystrophy	ACVO genetics committee
<b>C</b>	Vitreous degeneration -syneresis	ACVO genetics committee
<b>D</b>	Retinal dysplasia -folds	ACVO genetics committee

## References

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4. Van der Linde-Sipman JS: Dysplasia of the pectinate ligament and primary glaucoma in the Bouvier des Flandres dog. Vet Pathol 24: 201, 1987.
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