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Summary of 98 Specialty CERF Screening Clinic

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Results. There were 42 dogs (84 eyes) examined at the BCCA National Specialty.

- Total normal in both eyes 29/42
- Total normal eyes 65/84
- Persistent pupillary membranes 14/84
- Anterior cataract 3/84
- Posterior cataract 1/84
- Distichiasis 1/84

The definitions listed below are from Linda Aronson, DVM, and the ACVO book "Ocular Disorders, Presumed to be Inherited in Purebred Dogs, 2nd edition". Genetics Committee of the American College of Veterinary Ophthalmologists, 1996, ACVO, ISBN # 0-96 35163-1-0 (E. Sell).

Background. (Extracted by E. Sell). The ACVO book has guidelines for making breeding recommendations. The introduction reminds us that the sensitivity of genetic disorder detection is greater when large numbers of dogs are examined. It also states that for each breed, specific ocular disorders have been listed which are known or suspected to be inherited based on one or more of the following criteria.

- There are published reports in the scientific literature regarding a condition in a particular breed with evidence of inheritance.
- The incidence of affected animals (from CERF reports) is greater than or equal to 1% of the examined population with a minimum of 5 affected animals per 5 year period.
- A specific request from a breed club that a condition be included for their breed. Such requests are reviewed critically and must receive agreement by a majority of the committee.
- There is overwhelming opinion by a majority of the committee members that clinical experience would indicate that a particular condition should be listed for a breed in spite of the absence of direct evidence of affected animals on CERF reports.



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Two categories of breeding advice are determined by the significance of the condition to vision and/or very strong evidence of heritability.

- NO. Substantial evidence exists to support the heritability of this entity and/or the entity represents a potential compromise of vision or other ocular function.
- BREEDER'S OPTION. Entity is suspected to be inherited but does not represent potential compromise of vision or other ocular function.