

PHPV & PPSC

Persistent Hyperplastic Primary Vitreous – PHPV



Details about the disease

PHPV is a congenital eye condition caused by the retention of elements of the foetal vascular supply to the lens. The condition results in variable amounts of fibrovascular plaque on the posterior lens capsule and possible posterior cortical cataract. This is sometimes accompanied by bleeding into the back of the eye or into the lens. PHPV is inherited

in Staffordshire Bull Terriers although the precise mode of inheritance is unknown.

The disorder is unlikely to be simple and caused by a single mutation with a recessive mode of inheritance. The most likely explanation therefore is that PHPV is either caused by a single mutation with a dominant or co-dominant mode of inheritance, or is a more complex condition with perhaps several genes involved.

Posterior Polar Subcapsular Cataract - PPSC

Details about the disease

This type of cataracts is found in other breeds, particularly the Labrador and Golden Retriever.

It usually remains as a small, punctuate cataract and doesn't usually lead to sight problems in these two breeds. It has been placed on schedule 3 of the BVA/KC/ISDS Eye Scheme because a number of Staffords that have been through the

Scheme have been found to have this type of cataract. This type of cataract cannot be detected through litter screening. The mode of inheritance is unknown and has a variable age of onset.

