

Breed Predispositions

for the puppy owner



Von Willebrand (VWb) Disease

This is an inherited bleeding disorder caused by a lack of a certain protein needed for normal blood clotting.

Affected dogs should be identified prior to any surgical procedure including but not limited to spays, neuters, and dental procedures. Genetic tests and an ELISA test are available to screen for VWb disease.

We recommend testing the three most commonly affected breeds prior to surgery.

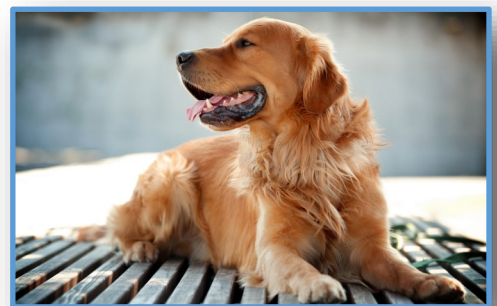
- Doberman Pinscher
- Pembroke Welsh Corgi
- Manchester Terrier

Hip Dysplasia

Hip dysplasia is a genetic condition in which the hip joint is anatomically abnormal and therefore degenerate over time. Other factors besides genetics can contribute, such as: nutrition, growth-rate, hormones, and exercise.

It is most common in large breed dogs. Diagnosis of hip dysplasia is achieved by radiographs while a pet is sedated or under anesthesia to allow for correct positioning.

If you own a large breed dog and would like to screen for hip dysplasia, we recommend considering taking x-rays at the time of your pet's spay or neuter, as they will already be sedated.



Some dog breeds are particularly prone to certain inherited diseases. We encourage all owners to research their pet's breed so they are aware of potential health risks and have a better idea of what potential health complications their pet may be prone to.

In many cases, there are screening tests available to determine whether a pet is at risk.

MDR1 Mutation

There are several breeds of dogs, typically herding breeds, that have a mutation of the **multidrug resistance gene (MDR1)**. This mutation results in these dogs being prone to severe drug reactions including but not limited to some over the counter medications as well as anesthetic drugs.

Genetic testing is available to screen your dog.

We highly recommend for the high-risk breeds listed:

- Australian Shepherds (& minis)
- Collies
- Long-haired Whippet
- McNab
- Silken Windhound



LEESBURG
VETERINARY HOSPITAL



The Standard of
Veterinary Excellence