## Hairloss - Follicular Dysplasia -

## Hvorfor man ikke bør parre krøllete med krøllete!

Individual Portuguese Water Dogs can exhibit a genetic form of hairloss expressed as follicular dysplasia. It presents itself as patterned hairloss generally on the torso of the dog but can affect larger and larger regions of skin over time. The follicles of the hair are abnormal, or dysplastic, allowing the hair to fall out. In the early stages of this genetic hairloss, the hair will re-grow. Episodes of hairloss are often associated with environmental stress factors; such as but not limited to, inoculations, surgery, and / or illness. Many different breeds (Dobermans, Malamutes, Irish Water Spaniels, Boxers, etc.) have a follicular dysplastic condition. Some are structural follicular dysplasia like the PWD, while some are cyclic. Breeds with the cyclic problem produce normal hairs but the hair cycle is abnormal so that hairs fall out. Dogs with structural follicular dysplasia, the PWD, Doberman Pincher, etc., produce abnormal hairs that become more abnormal with time. After numerous episodes, the hair ceases to regenerate. It has been found that all Portuguese Water Dogs with genetic hairloss have follicular dysplasia. It appears to primarily present itself in curly dogs produced from the mating of a curly sire to a curly dam. To date there is no verification of a genetically wavy Portuguese Water Dog exhibiting this genetic condition.

Follicular dysplasia does not cause itching or scratching. If a dog is itching and scratching with possible skin lesions and eruptions these are not caused by follicular dysplasia. The cause of these symptoms lies elsewhere; possibly parasites, allergies, tumors, sun exposure, dry skin or other causative reasons. The results of this itching and scratching are magnified in a dog that has hair loss due to follicular dysplasia as there is less or no hair to protect the skin on the affected areas of the body.