

Breeding out a genetic disease in three generations

(with thanks to Havenese HEART)



No dogs with unknown genotype may be bred- ALL dogs must be DNA tested in order for this to work!



An affected dog is bred to a DNA- tested Normal dog. All puppies will be carriers, but none will be affected.



The carrier pups are bred to another DNA-tested Normal dog. Half the litter will be Carriers, half will be Normal. All pups must be DNA tested to determine which is which, as they do not come with labels, unfortunately... The carrier pups can be placed as pets, or if they are spectacular, Step Three may be repeated; breeding the yellow pups to a blue dog, but it will slow down the process.



The Normal pups are then bred to another DNA tested Normal dog. All pups will be Normal. Viola! If the dog you start with is a carrier rather than an affected, you can omit Step # 2.