

**Outcomes of mating combinations**

Combination of dogs	Outcome	Possibility of clinically affected offspring?
Clear x clear	All puppies will be clear	No
Clear x carrier	50% of puppies will be clear 50% of puppies will be carriers	No
Clear x affected	All puppies will be carriers	No
Carrier x carrier	25% of puppies will be clear 50% of puppies will be carriers 25% of puppies will be affected	Yes
Carrier x affected	50% of puppies will be carriers 50% of puppies will be affected	Yes
Affected x affected	All puppies will be affected	Yes