

5.5 Sex-linked dominant inheritance

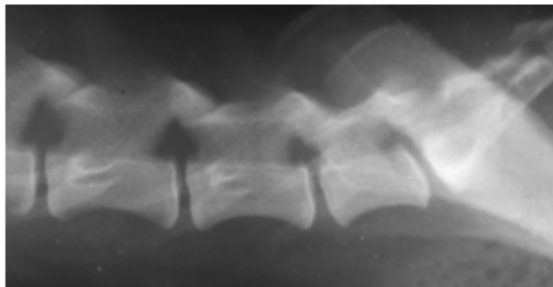
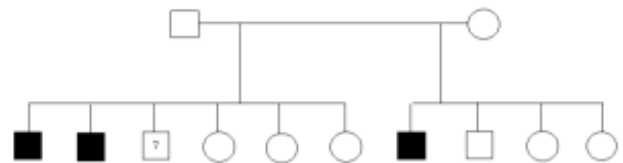
Factors indicating sex-linked dominant inheritance.

- 1. All female offspring of an affected father will be affected
- 2. All male offspring of affected fathers will be normal
- 3. Normal offspring of affected parents produce normal offspring
- 4. The population frequency in males is lower than in females
- 5. The segregation ratio is 1:1 in offspring of a normal father and an affected mother

In Figur 5.5 is shown X-ray pictures of Swedish-Danish farm dog affected with spondylo-epifysal dysplasia. The pictures is taken at the X-ray clinic at this university by J. Arnbjerg. The condition is likely to have a sex linked recessive inheritance.

Figur 5.5.

Spondylo-epifysal
dysplasia tarda in
dog



Normal



Affected