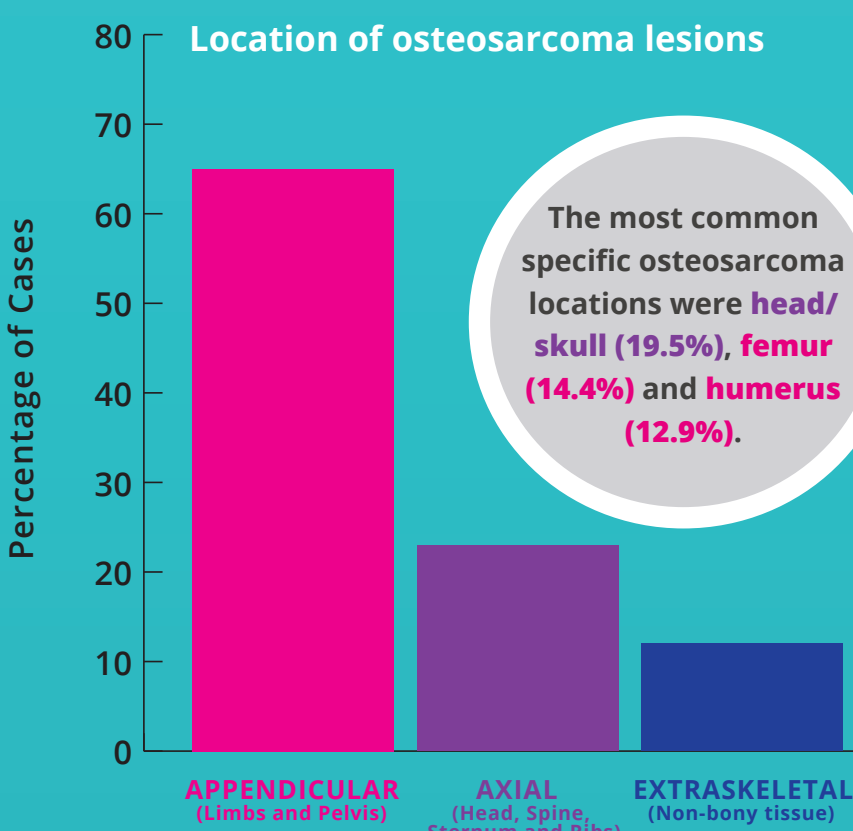


STUDY SUMMARY

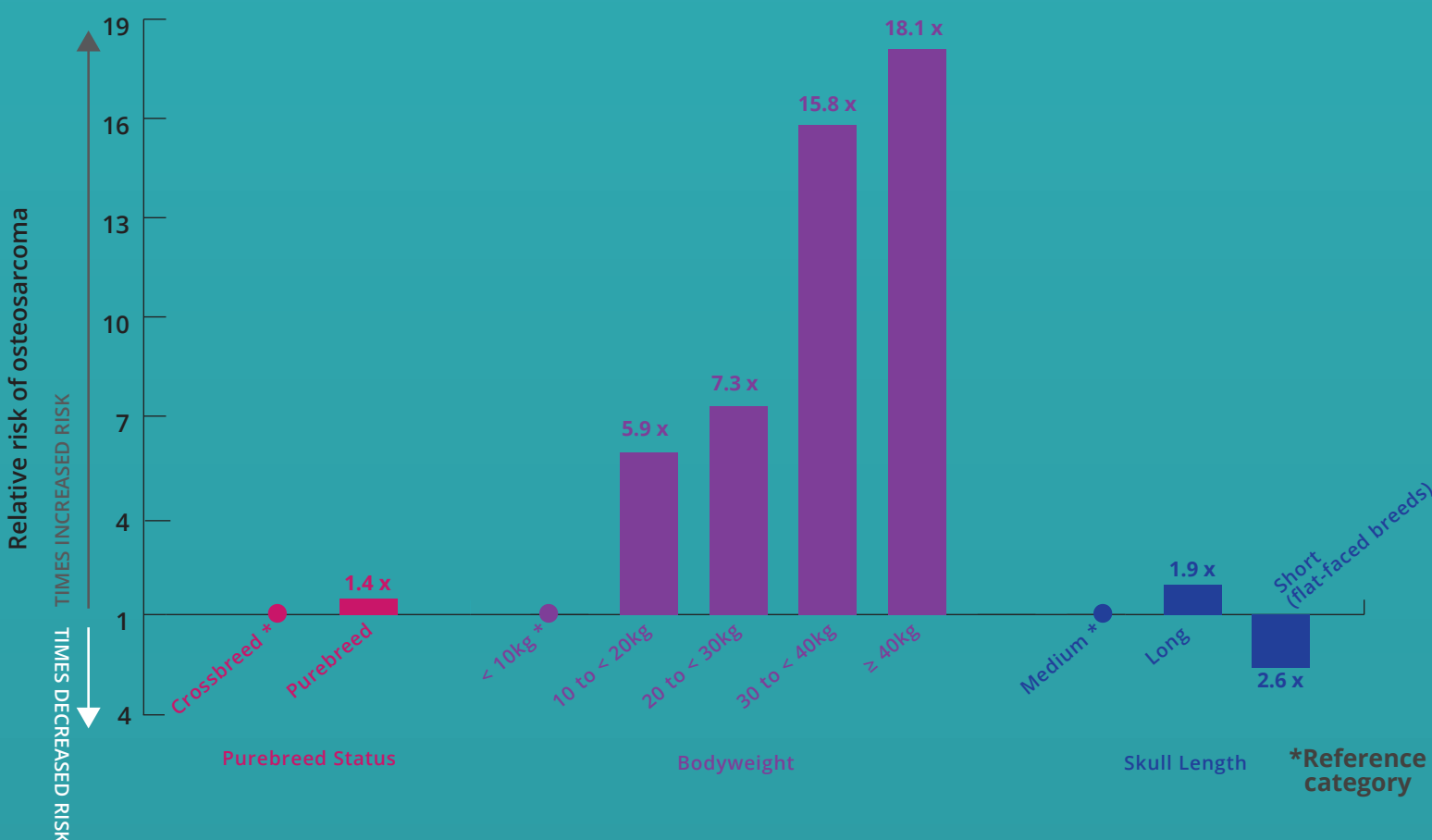
Osteosarcoma is an aggressive and painful bone cancer. This study included 1,756 laboratory-confirmed osteosarcoma cases in dogs and a comparator population of 905,211 dogs under primary veterinary care in the VetCompass programme during 2016.



How do breeds differ in risk of osteosarcoma?



Other risk factors for osteosarcoma



CONCLUSIONS:

Larger breeds have greater risk of osteosarcoma than smaller breeds. These results can inform breed health reforms, especially in predisposed breeds such as the Rottweiler and Rhodesian Ridgeback.

Osteosarcoma can affect any dog breed. However, owners of high-risk breeds should be especially alert for signs of osteosarcoma. These include lameness and painful bony swelling. Owners should contact their veterinarian if concerned.

CLICK TO READ

Edmunds et al. (2021) "Dog breeds and body conformations with predisposition to osteosarcoma in the UK: a case-control study" Canine Medicine and Genetics

RVC VetCompass <https://www.rvc.ac.uk/vetcompass> carries out welfare research based on anonymised clinical information shared from over 30% of UK veterinary practices. We are very grateful to the owners and veterinary professionals who contribute to VetCompass research.