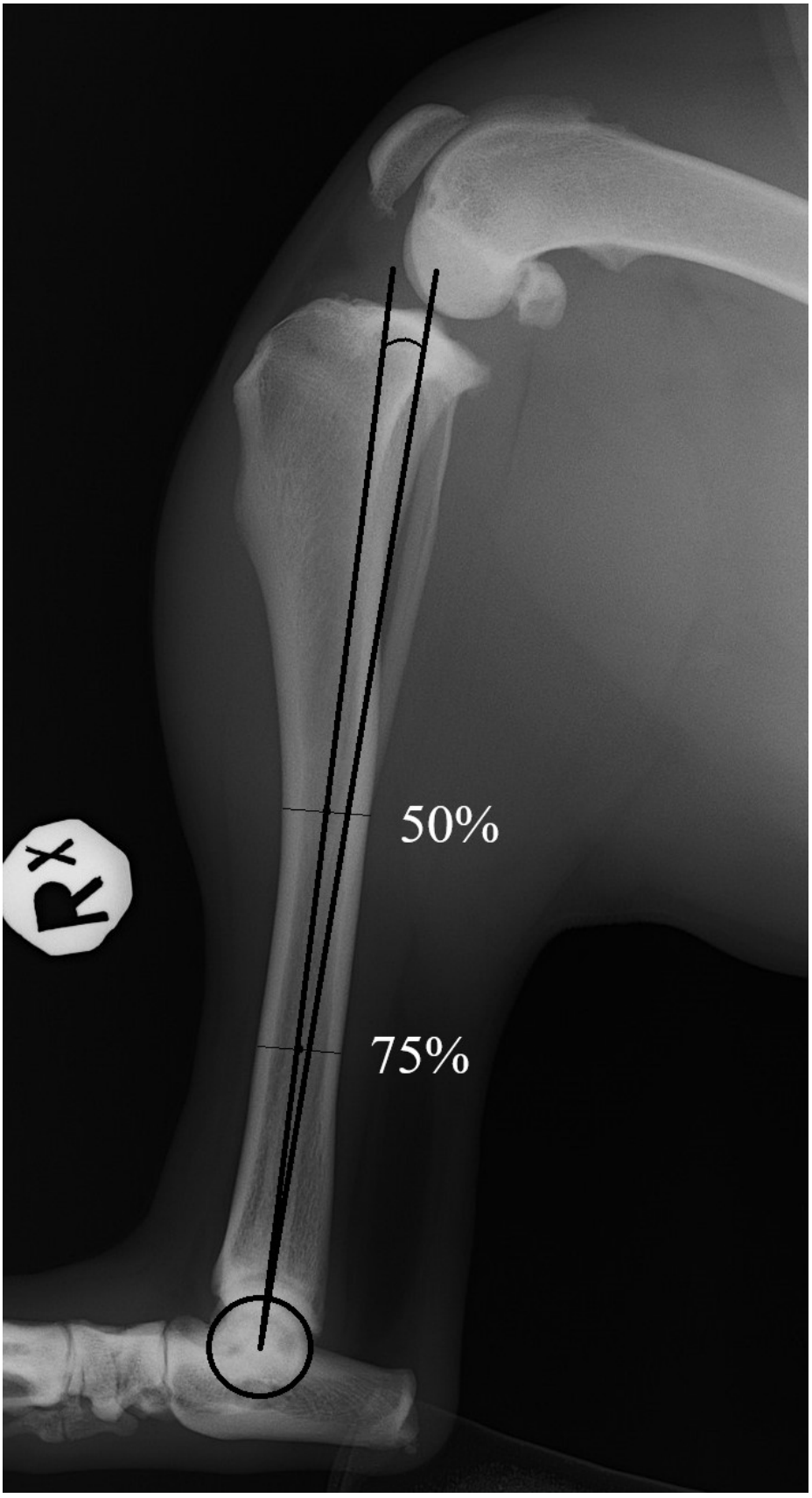


Figure S1 Measurement of AMA-angle. Anatomical axis is equal to connection of midpoint between cranial and caudal cortex at 50% and 75% of the tibial shaft length. The mechanical axis is a line connecting the midpoint of intercondylar

eminence and central point of the tarsal joint. AMA- angle is an angle between the anatomical and mechanical axis.