

AIS PennHIP

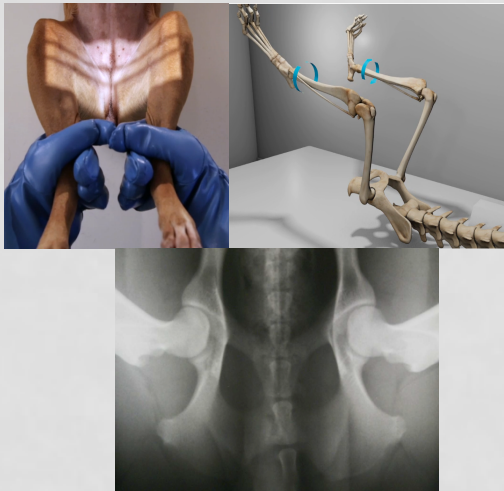
Presubmission Check: Compare your images to these

Hip Extended VD Position



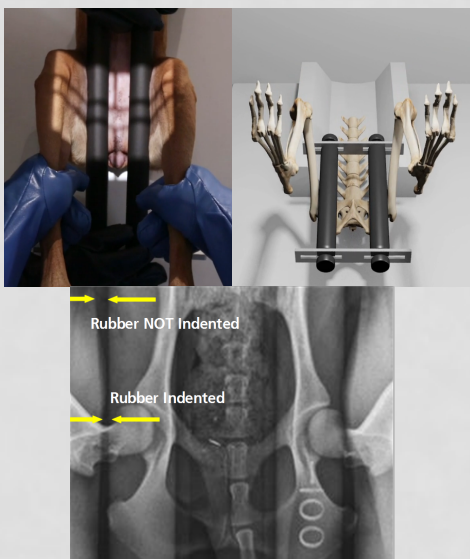
- Secure chest and front legs in trough.
- Avoid rotation of the spine and pelvis
- Collimate, ilial wings to stifles
- Grasp hocks and put hips in maximal extension with slight internal rotation
- Patellae central in trochlea
- See Manual for more detailed description.

Compression Position



- Secure patient as for HE position
- Grasp hocks and slightly flex hips
- Note: transverse collimation line crosses tibial tuberosities and pubis simultaneously
- Stifles stance-phase distance apart
- Externally rotate the tibias around their long axes, as shown.
- This creates sufficient force to seat the femoral heads in the acetabula
- Check joint congruency, uniform cartilage thickness
- Note: OA can affect congruent fit

Distraction Position



- Position patient as for compression view
 - Set distractor rod spacing wider than pectineal mm origins (to start). Widen, if necessary.
 - Have assistant hold distractor firmly on pubis
 - Center the device and apply equal downward force on each rod.
 - Apply distraction force.
- Check --** stifles stance phase distance apart
- Legs and pelvis are symmetrical about midline
 - Femoral heads within shadows of distractor rods
 - 25-50% rubber indentation
 - Obvious laxity compared to compression view (Note: if not, check level of sedation and repeat)