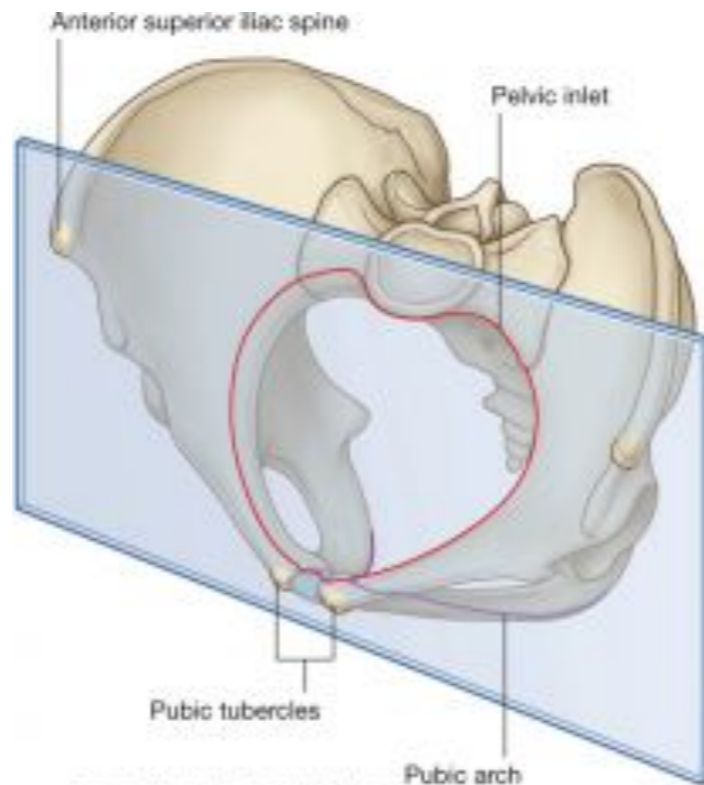


- **Recap**

- **Q&A**

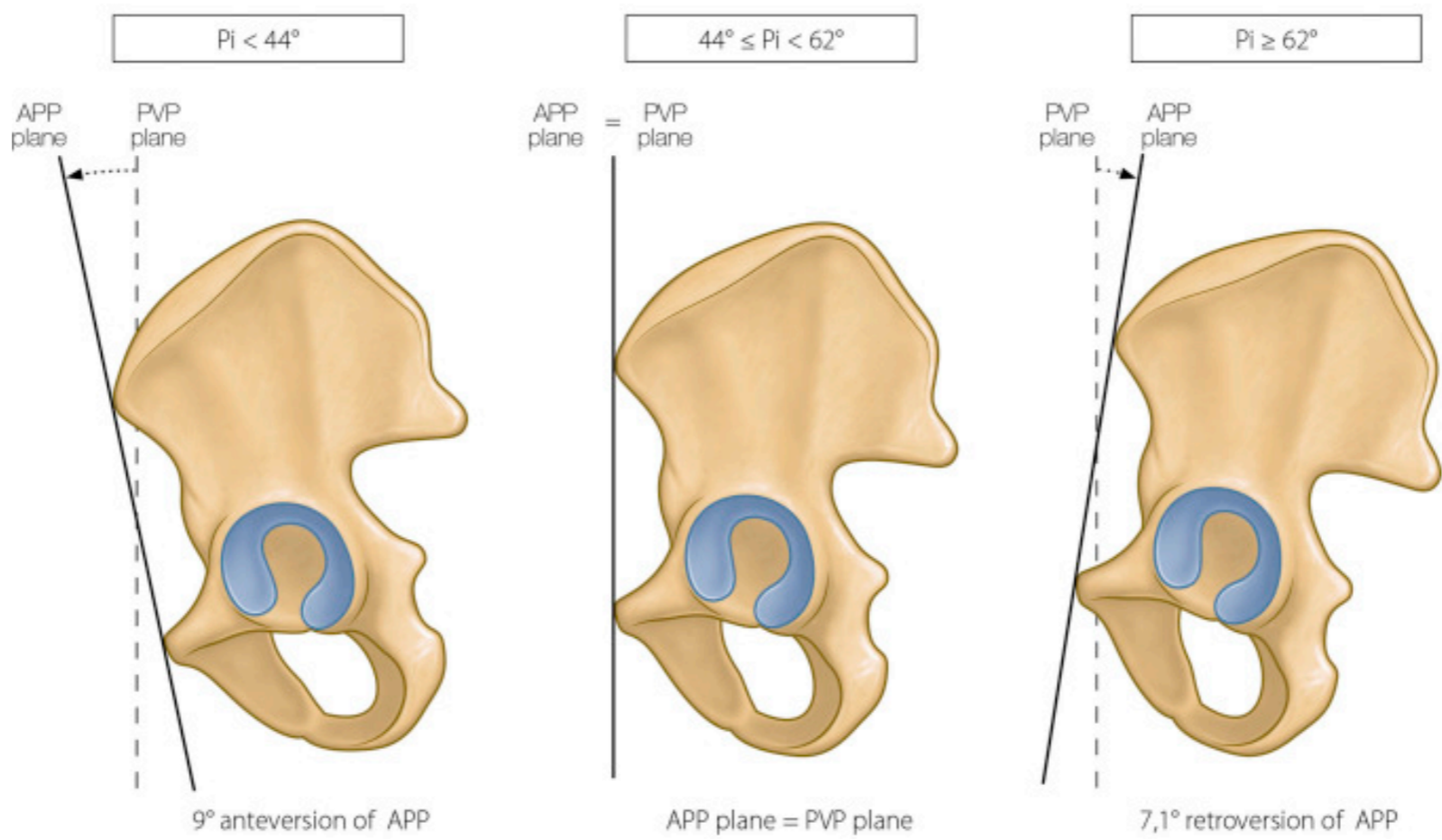
- **Anatomy: Joint Variability**

- **Practicum - let's play!**



Osborn Gray's Anatomy for Students, 2nd Edition.  
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LATERAL VIEW



# Bone Structure Considerations



# Bone Structure Considerations

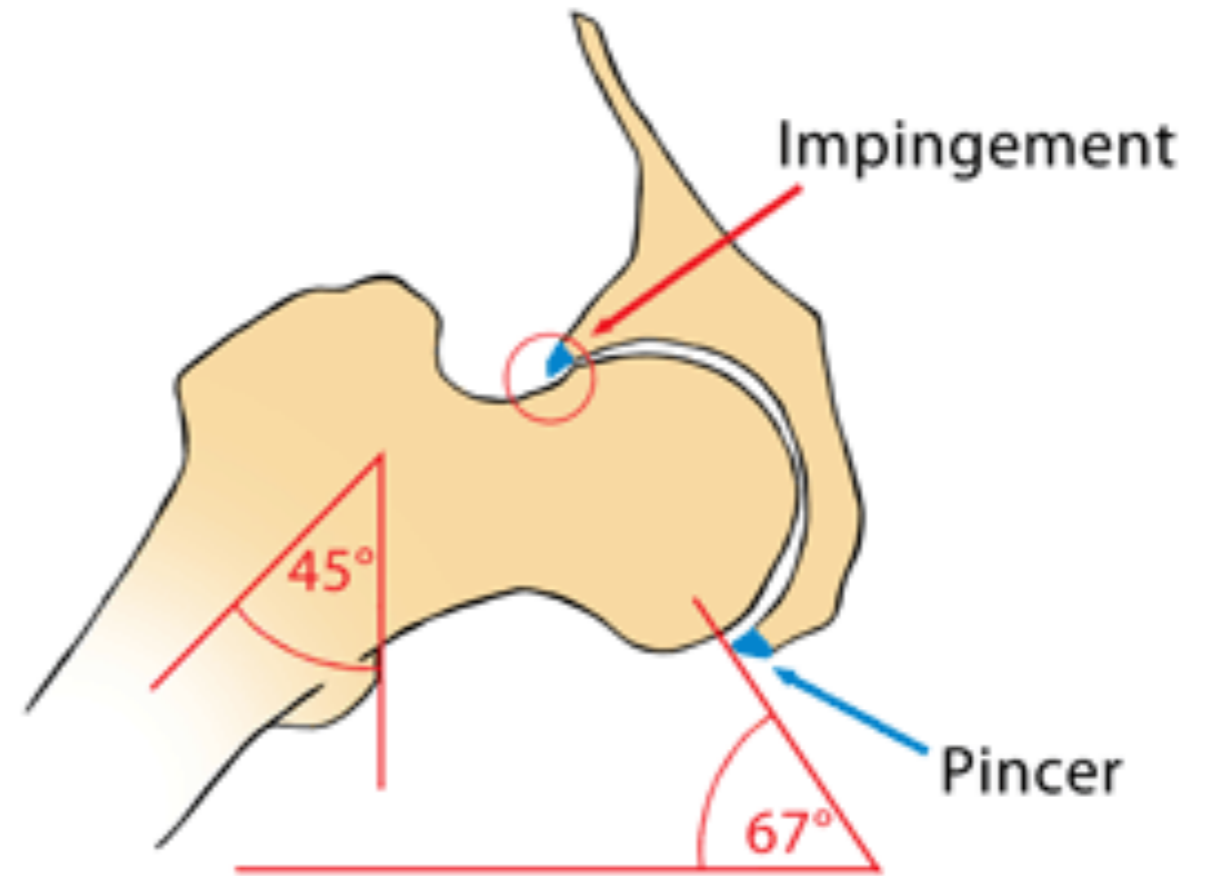
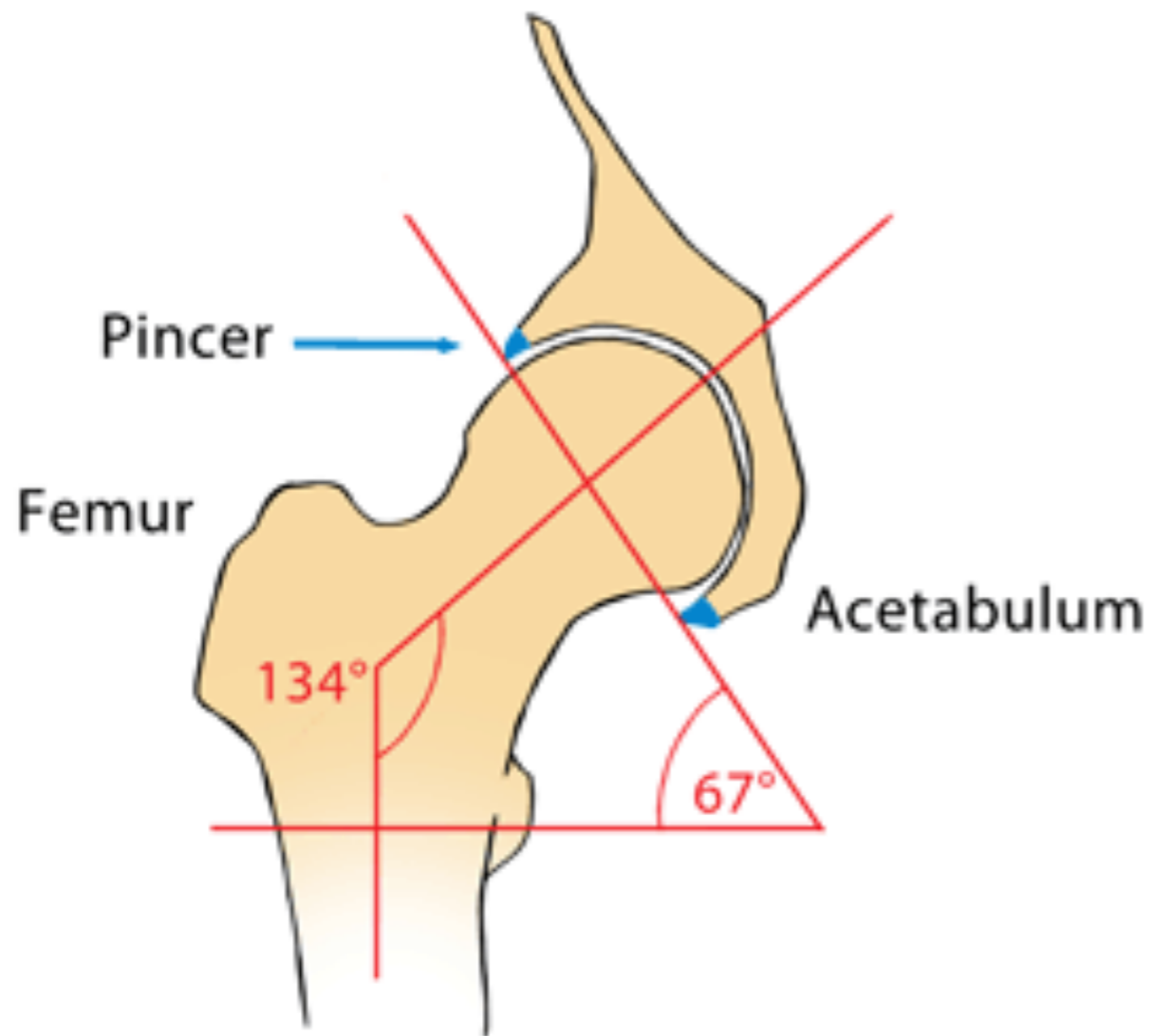




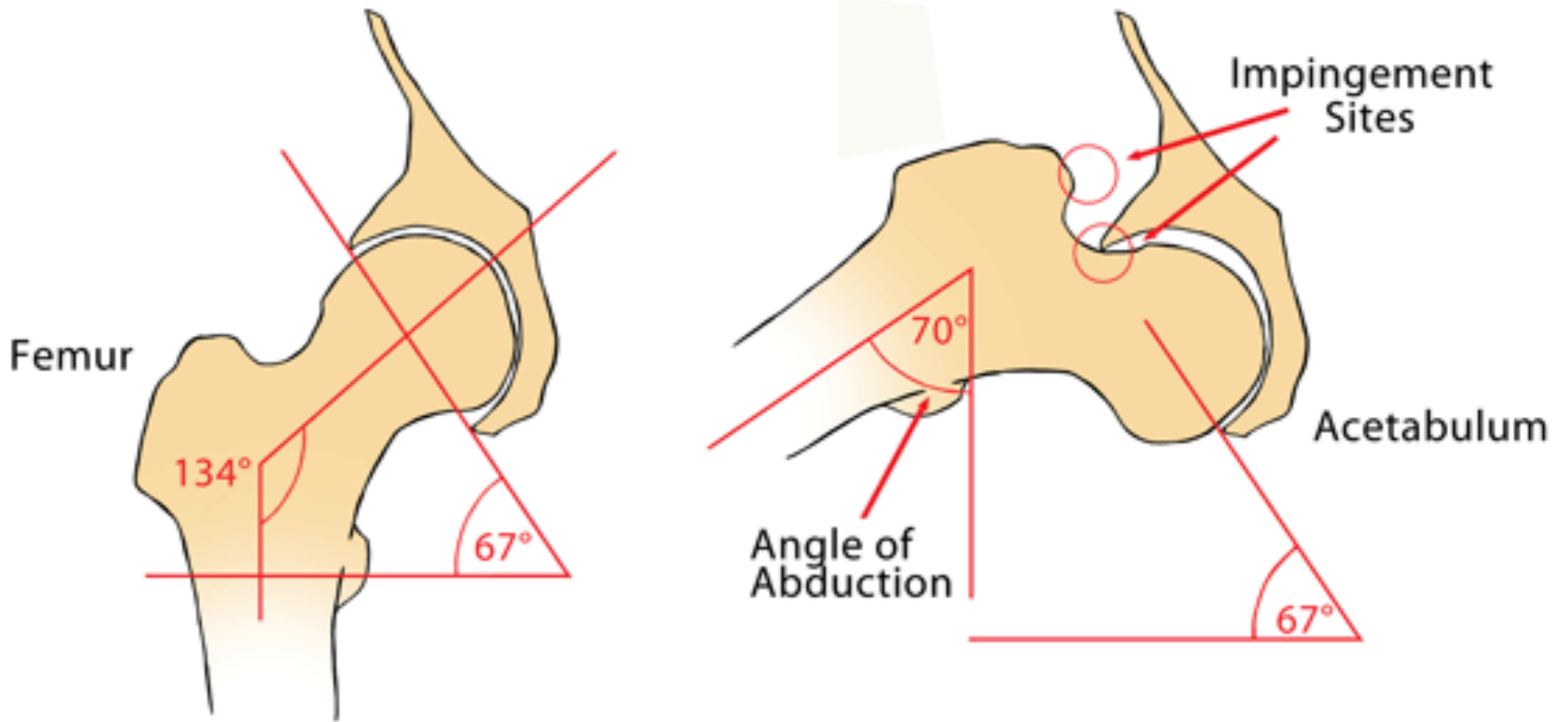
# Bone Structure Considerations



# Hip Variability - Acetabular Depth



# Hip Variability - Acetabular Abduction Angle



# Bone Structure Considerations



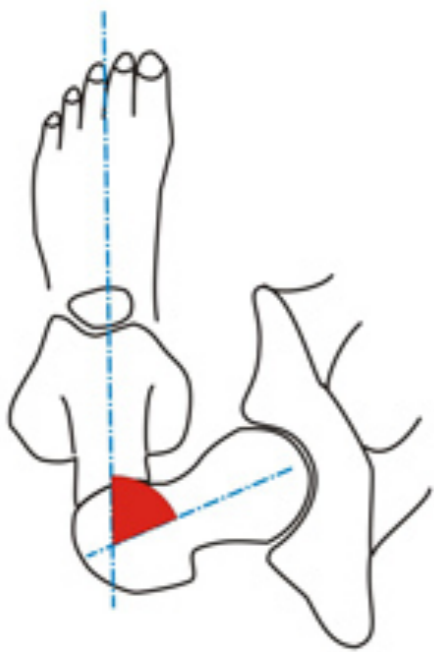
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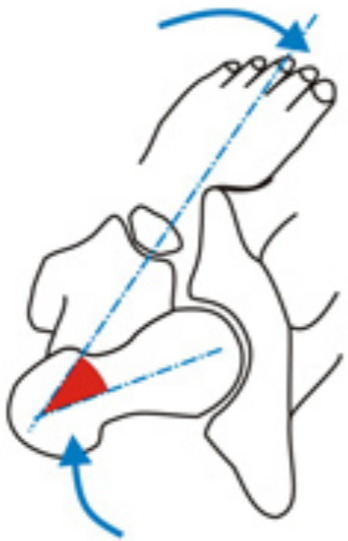


# Version of Femur



**A**

**NORMAL HIP**



**B**

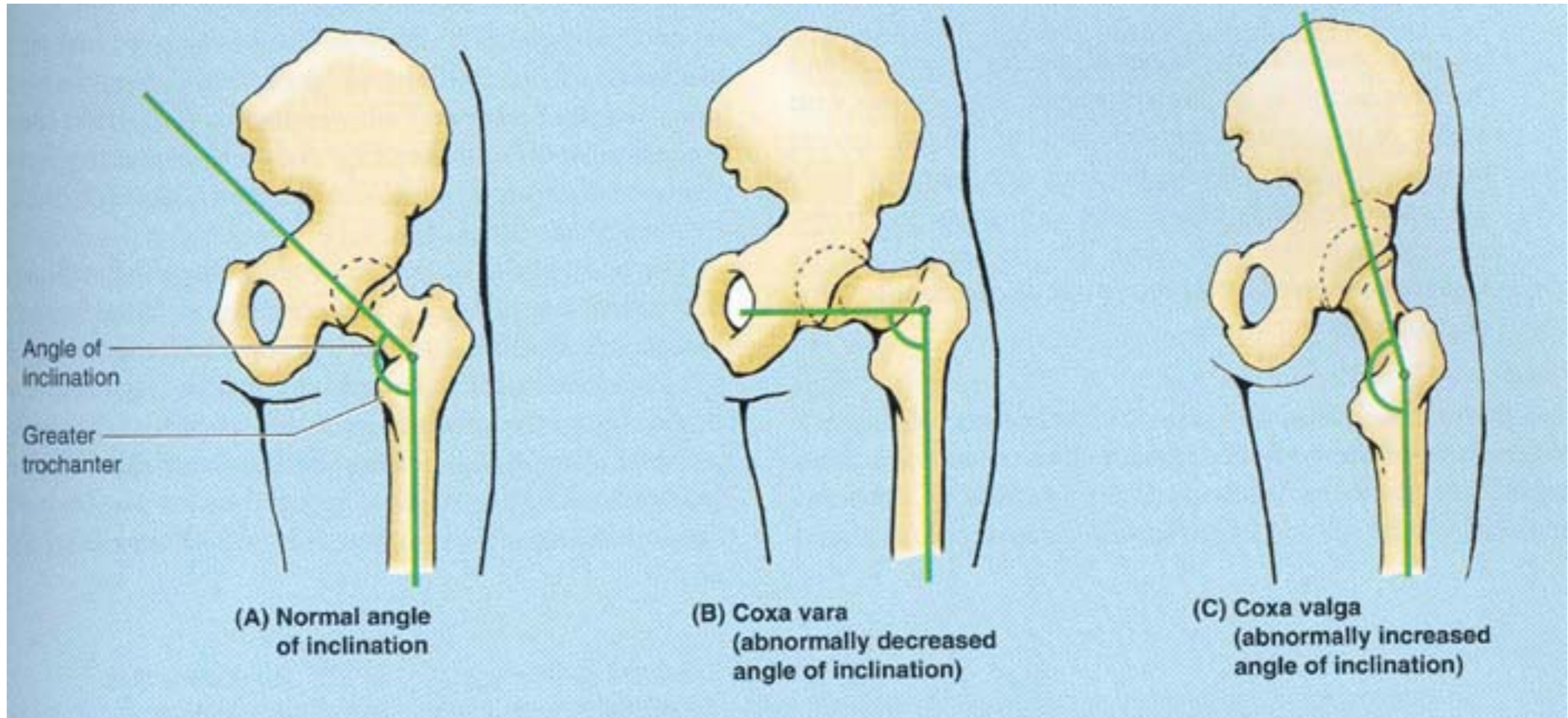
**FEMORAL ANTEVERSION**



**C**

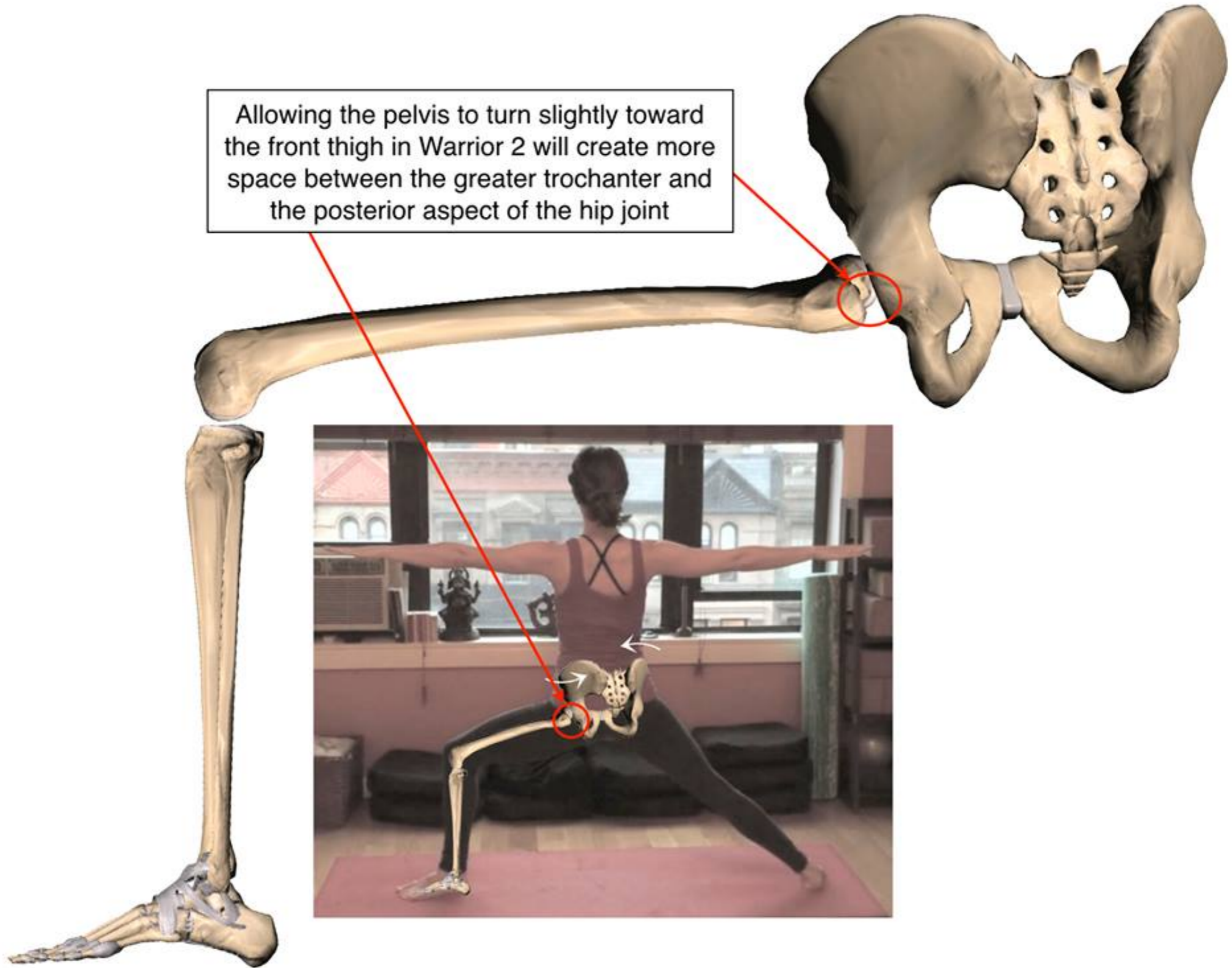
**FEMORAL RETROVERSION**

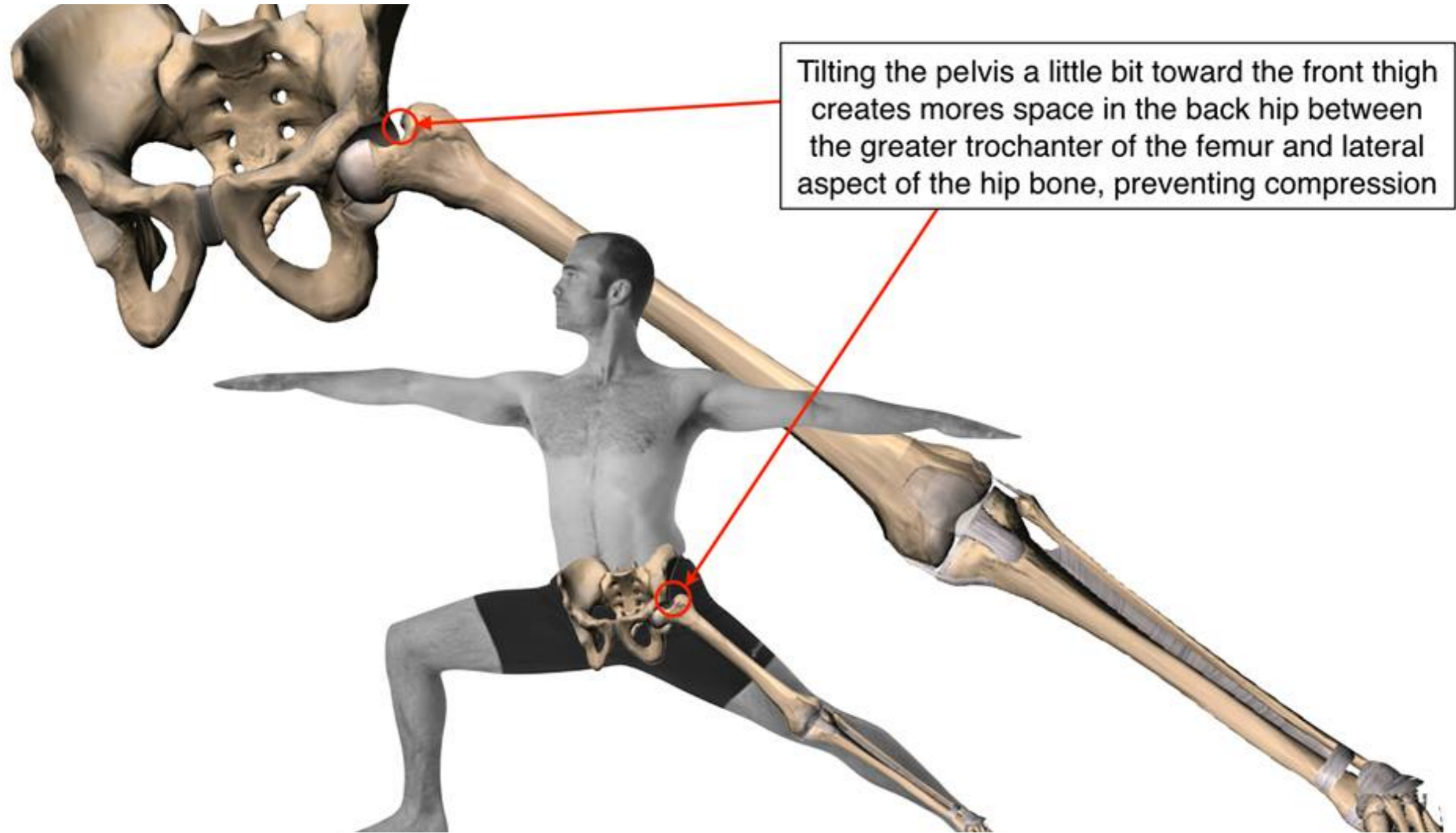
# Hip Variability - Femoral Neck Angle





Allowing the pelvis to turn slightly toward the front thigh in Warrior 2 will create more space between the greater trochanter and the posterior aspect of the hip joint





Tilting the pelvis a little bit toward the front thigh creates mores space in the back hip between the greater trochanter of the femur and lateral aspect of the hip bone, preventing compression