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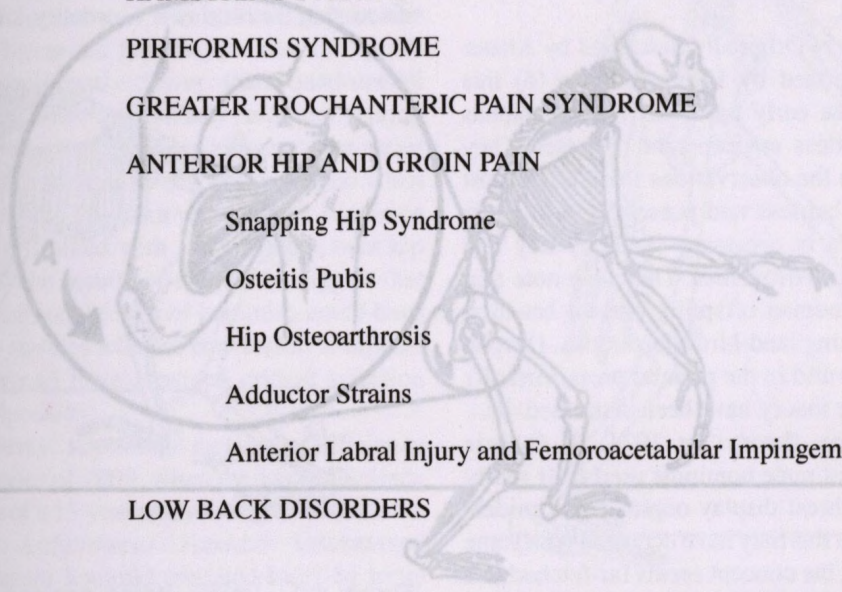


Figure 1.1. In contrast to quadrupedal locomotion, bipedal gait forces the ischium to move down (arrow A), which significantly increases tensile strain placed on the obturator externus tendon along the anterior aspect of the femoral neck (B).