Snip from:

Femoral rotation and relationship between the femoral head and the acetabulum

J. Martins¹*, B. Colaço^{1,2}, S. Alves-Pimenta^{1,2}, J.M. Gonzalo Orden³, A. Ferreira⁴, M. Ginja^{1,5}

In conclusion, internal or external femoral rotation is directly associated with patella displacement within the distal femoral metaphysis. Internal femoral rotation enhances hip congruence, and external femoral rotation impairs this effect.