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**Appendix 1:** Total number of papers addressing the topic of alignment of the humeral head to the scapula in the arthritic shoulder.

1. Aleem AW, Chalmers PN, Bechtold D, Khan AZ, Tashjian RZ, Keener JD. Association between rotator cuff muscle size and glenoid deformity in primary glenohumeral osteoarthritis. *J Bone Joint Surg Am.* 2019;101(21):1912-20.
2. Alentorn-Geli E, Assenmacher AT, Sperling JW, Cofield RH, Sanchez-Sotelo J. Plication of the posterior capsule for intraoperative posterior instability during anatomic total shoulder arthroplasty. *J Shoulder Elbow Surg.* 2017;26(6):982-9.
3. Alentorn-Geli E, Wanderman NR, Assenmacher AT, Sperling JW, Cofield RH, Sanchez-Sotelo J. Anatomic total shoulder arthroplasty with posterior capsular plication versus reverse shoulder arthroplasty in patients with biconcave glenoids: A matched cohort study. *J Orthop Surg (Hong Kong).* 2018;26(2):2309499018768570.
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5. Arenas-Miquelez A, Liu VK, Cavanagh J, Graham PL, Ferreira LM, Bokor DJ, et al. Does the Walch Type B shoulder have a transverse force couple imbalance? - A volumetric analysis of segmented rotator cuff muscles in osteoarthritic shoulders. *J Shoulder Elbow Surg.* 2021;Online ahead of print.
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