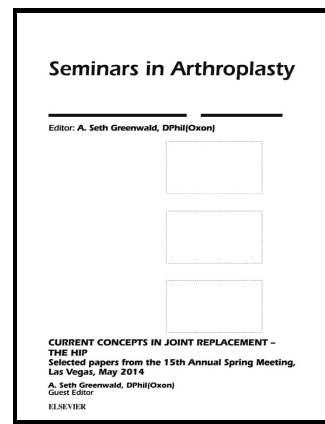


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The Non-Cemented Humerus and Cemented Glenoid: The Optimal Hybrid Solution for Total Shoulder Arthroplasty In Opposition

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The Non-Cemented Humerus and Cemented Glenoid:**The Optimal Hybrid Solution for Total Shoulder Arthroplasty****In Opposition****William H. Seitz, Jr., M.D.****Patrick Marinello, M.D.****Joseph Styron, M.D., Ph.D.****Abstract**

Hybrid fixation of total joint arthroplasty has been recognized as an accepted form of surgical approach in multiple joints. Principles of implant fixation should focus on durability, providing secure long-term function. To date there is no conclusive evidence that pressed fit humeral stem fixation has an advantage over well secured cemented humeral fixation. Although revision may require cement removal, a well fixed bone – ingrowth implant may require slatting and osteotomy of the humerus. To the contrary, need for revision arthroplasty due to inadequate implant fixation has almost universally

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