

The Fall Classic

In Major League Baseball, the annual championship is known as the World Series, which is often referred to as a “Fall Classic” because the series is played during the autumn months. Last year’s World Series was won by the Boston Red Sox. While the 2014 World Series, which we are eagerly anticipating, is scheduled for next month, we are titling our September issue of *Arthroscopy* the Fall Classic because we find the issue to be full of classic articles.

How do we define classic? To us, a classic article has clinical relevance,^{1,2} by which we mean something we read may cause us to consider making a change in our real life clinical practice. Science occurs in baby steps, and sometimes the significance of a study is arcane, mysterious, hidden, and unpredictable. Some research seems important, only to turn out to be a false path, whereas some research seems insignificant at first, but has a great importance in the future.³

For this Fall Classic, we will start with an easy quiz:

- A. How long have you been in training or practice?
- B. Do you have a subspecialty?
- C. Now, quickly, how many of the following arthroscopic and related techniques seem clinically relevant?
 - Lateral patellotibial ligament reconstruction for medial patellar instability⁴
 - ORIF of distal clavicle fracture with supplementary button coracoclavicular fixation⁵
 - Arthroscopic decompression of central acetabular impingement with notchplasty⁶
 - Transtendon, double-row, transosseous equivalent arthroscopic repair of partial-thickness, articular surface rotator cuff tears⁷
 - Novel arthroscopic inside-out repair technique for pasta lesions⁸
 - Arthroscopic treatment of subscapularis calcific tendonitis⁹
 - ACL reconstruction with preservation of femoral ACL stump¹⁰
 - Anatomic graft passage in remnant-preserving posterior cruciate ligament reconstruction¹¹

- Anatomic reconstruction of chronic coracoclavicular ligaments tears: Arthroscopic-assisted approach with non-rigid mechanical fixation and graft augmentation¹²
- Medial patellofemoral ligament reconstruction: A technique with a “V” shaped patella tunnel¹³
- Arthroscopic anatomic reconstruction of the lateral ligaments of the ankle with gracilis autograft¹⁴
- Capsulotomy first: A novel concept for hip arthroscopy¹⁵

What we find to be cool in this Fall Classic, as the Northern Hemisphere grows cool this time of year, is that the 12 techniques from the quiz represent the 12 PubMed Central cited *Arthroscopy Techniques* articles with videos published in September!¹⁶⁻¹⁹ We have taken this quiz ourselves, because we wanted to judge the clinical relevance of *Arthroscopy Techniques*. And, even though your Editor-in-chief has narrowed his clinical practice to knee arthroscopy, and even though as a group, we rarely dabble in hip,²⁰ we find many of these techniques clinically relevant and of significant interest personally.

A goal of *Arthroscopy Techniques* is clinical relevance, and as we develop this relatively new venture, our primary focus is quality, peer-reviewed content. We urge readers to watch some of the videos at www.arthroscopytechniques.org. Video your own cases.^{21,22} Contribute as authors. Show us your classic or innovative techniques. Show us how you do it.

Not sure how to video the “outside-view” during an arthroscopic procedure? Your Editor-in-Chief shares his number 1 pearl. Attach the high-definition video camera on your mobile phone to a steadicam for mobile phone (Google steadicam for mobile phone), and aim the operating room lights away from the surgical field. That’s how we do it on a budget in Taos, New Mexico.^{23,24}

Moving on to the Green Journal that you are reading now,²⁵ among the Fall Classics, defined above as relevant to real life clinical practice, are “hot topics” like rotator cuff single versus double row,²⁶ two original scientific articles on ACL infection,^{27,28} and original scientific articles on postoperative stiffness after arthroscopic versus open biceps tenodesis,²⁹ knot impingement after rotator cuff repair,³⁰ ACL tibial tunnel placement accuracy comparing transtibial versus independent femoral techniques,³¹ hip range of motion,³² and nonoperative treatment of Achilles tendon rupture with platelet-rich

Table 1. The 20 Top Cited *Arthroscopy* Articles Published Since 2009

Authors	Subject	Citations
Larson, Givens ³⁴	Debridement v refixing acetab labrum w/FAI	143
Grasso, Milano, Salvatore, Falcone, Deriu, Fabbriani ³⁵	Single- v double-row RC repair	90
Lopez-Vidriero, Goulding, Simon, Sanchez, Johnson ³⁶	PRP in arthroscopy and sports medicine	89
Lubowitz ³⁷	AM portal ACL femoral socket	89
Oh, Kim, Ji, Jo, Bin, Gong ³⁸	Anatomic outcome of RC repair	86
van Eck, Lesniak, Schreiber, Fu ³⁹	SB & DB ACL reconstruction	81
Kon, Mandelbaum, Buda, Filardo, Delcogliano, Timoncini, Fornasari, Giannini, Marcacci ⁴⁰	PRP v hyaluronic acid	80
Samuelsson, Andersson, Karlsson ⁴¹	ACL injuries, graft type	80
Bedi, Musahl, Steuber, Kendoff, Choi, Allen, Pearle, Altchek ⁴²	TT v AM portal for ACL	77
Matsuda ⁴³	Hip surgery & iatrogenic dislocation	74
Andersson, Samuelsson, Karlsson ⁴⁴	ACL injuries, technique & rehab	67
Byrd, Jones ⁴⁵	Hip arthroscopy for labral injury	66
Bedi, Raphael, Maderazo, Pavlov, Williams ⁴⁶	TT v AM portal for ACL	65
Botser, Smith, Nasser, Domb ⁴⁷	Open v arthroscopic dislocation for FAI	60
Bedi, Altchek ⁴⁸	"Footprint" ACL technique	60
Radice, Yáñez, Gutiérrez, Rosales, Pinedo, Coda ⁴⁹	ACL and PDGF	59
Stärke, Kopf, Petersen, Becker ⁵⁰	Meniscal repair	59
Philippon, Kuppersmith, Wolff, Briggs ⁵¹	Traumatic hip dislocation in athletes	58
Ho, Gardiner, Shah, Steiner ⁵²	Kinematics in SB & DB ACLR	57
Valentí Nin, Mora Gasque, Valentí Azcárate, Aquerreta Beola, Hernandez Gonzalez ⁵³	PRP in ACL allograft healing	57

Note: Results of Scopus search on July 8, 2014.

plasma.³³ This month, our strong opinion is that the Green Journal is indeed clinically relevant, which has always been the goal. We hope this content meets your needs.

While we are sharing editorial pearls, we are pleased to share the top 20 *Arthroscopy* journal articles by number of citations in the last 5 years (as of July 8, 2014 on Scopus.com, Table 1). Researchers should especially note that these are what your editors consider to be today's evidence-based hot topics. It remains to be seen if today's hot topics become future Fall Classics.

Finally, we appreciate that arthroscopic surgeons and related researchers are busy, and that readers devote valuable time to pondering the journal, and we nevertheless must once again ask, because we continuously seek feedback: Please correspond, and please let us know if we are meeting your needs, and how you think our journals can continue to improve. As always, we encourage all letters to the editor.⁵⁴

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References

- Lubowitz JH, Provencher MT, Poehling GG. Smiles from coast to coast: A most clinically relevant issue of arthroscopy. *Arthroscopy* 2011;27:1025-1026.
- Lubowitz JH, Poehling GG. Clinical relevance: Eight shoulders and a knee. *Arthroscopy* 2009;25:571-572.
- Lubowitz JH, Provencher MT, Poehling GG. Two steps forward, one step back. *Arthroscopy* 2011;27:1453-1455.
- Sawyer GA, Cram T, LaPrade RF. Lateral patellofemoral ligament reconstruction for medial patellar instability. *Arthrosc Tech* 2014 Sept1;3(5).
- Hanypsiak B, Hanflik A, Friedman DJ. ORIF of distal clavicle fracture with supplementary button coracoclavicular fixation. *Arthrosc Tech* 2014 Sept1;3(5).
- Gupta A, Redmond JM, Hammarstedt JE, Stake CE, Liu Y, Domb BG. Arthroscopic decompression of central acetabular impingement with notchplasty. *Arthrosc Tech* 2014 Sept1;3(5).
- Diliso MF, Miller LR, Higgins LD. Transtendon, double row, transosseous equivalent arthroscopic repair of

- partial-thickness, articular surface rotator cuff tears. *Arthrosc Tech* 2014 Sept8;3(5).
8. Caldwell L, Cooper AR, Elfar JC. A novel arthroscopic inside-out repair technique for PASTA lesions. *Arthrosc Tech* 2014 Sept8;3(5).
 9. Fields LK, Muxlow CJ, Caldwell PE. Arthroscopic treatment of subscapularis calcific tendonitis. *Arthrosc Tech* 2014 Sept8;3(5).
 10. Nag HL, Gupta H. Anterior cruciate ligament reconstruction with preservation of femoral ACL stump. *Arthrosc Tech* 2014 Sept15;3(5).
 11. Ahn JH, Lee SH. Anatomic graft passage in remnant-preserving posterior cruciate ligament reconstruction. *Arthrosc Tech* 2014 Sept15;3(5).
 12. Natera LG, Sarasquete J, Abat F. Anatomic reconstruction of chronic coracoclavicular ligaments tears: Arthroscopic-assisted approach with non-rigid mechanical fixation and graft augmentation. *Arthrosc Tech* 2014 Sept15;3(5).
 13. Ahmad R, Jayasekera N, Schranz P, Mandalia V. Medial patellofemoral ligament reconstruction: A technique with a "V" shaped patella tunnel. *Arthrosc Tech* 2014 Sept22;3(5).
 14. Guillo S, Archbold P, Perera A, Bauer T, Sonnery-Cottet B. Arthroscopic anatomic reconstruction of the lateral ligaments of the ankle with gracilis autograft. *Arthrosc Tech* 2014 Sept22;3(5).
 15. Thauinat M, Murphy CG, Chatellard R, et al. Capsulotomy first: A novel concept for hip arthroscopy. *Arthrosc Tech* 2014 Sept22;3(5).
 16. Lubowitz JH, Provencher MT, Poehling GG. *Arthroscopy Techniques* achieves PubMed Central citation, yet knee and shoulder outcome failures represent a challenge, and a presidential address prepares us for adversity. *Arthroscopy* 2013;29:1461-1462.
 17. Lubowitz JH, Provencher MT, Poehling GG. Our new journal: *Arthroscopy Techniques*. *Arthroscopy* 2012;28:149-150.
 18. Lubowitz JH, Provencher MT, Poehling GG. *Arthroscopy Techniques*: Aims and scope. *Arthroscopy* 2013;29:1.
 19. Lubowitz JH, Provencher MT, Poehling GG. Award-winning research and a new journal. *Arthroscopy* 2011;27:1599-1601.
 20. Lubowitz JH, Provencher MT, Rossi MJ. Of particular interest on knee anterior cruciate ligament and hip arthroscopy. *Arthroscopy* 2014;30:776-777.
 21. Lubowitz JH, Provencher MT, Poehling GG. Let us go to the video: Part II. *Arthroscopy* 2011;27:743.
 22. Lubowitz JH, Poehling GG. Let's go to the video. *Arthroscopy* 2009;25:705-706.
 23. Wilson T, Lubowitz JH. Minimally invasive posterior hamstring harvest. *Arthrosc Tech* 2013;2:e299-e301.
 24. Lubowitz JH, MacKay G, Gilmer B. Knee medial collateral ligament and posteromedial corner anatomic repair with internal bracing. *Arthrosc Tech* in press, available online 11 August, 2014. doi:10.1016/j.eats.2014.05.008.
 25. Lubowitz JH, Provencher MT, Poehling GG. Good things come in a green package. *Arthroscopy* 2013;29:191-192.
 26. Mascarenhas R, Chalmers PN, Sayegh ET, et al. Is double-row rotator cuff repair clinically superior to single-row rotator cuff repair: A systematic review of overlapping meta-analyses. *Arthroscopy* 2014;30:1156-1165.
 27. Windhamre HB, Mikkelsen C, Forssblad M, Willberg L. Postoperative septic arthritis after anterior cruciate ligament reconstruction: Does it affect the outcome? A retrospective controlled study. *Arthroscopy* 2014;30:1100-1109.
 28. Wang C, Ao Y, Fan X, et al. C-reactive protein and erythrocyte sedimentation rate changes after arthroscopic anterior cruciate ligament reconstruction: Guideline to diagnose and monitor postoperative infection. *Arthroscopy* 2014;30:1110-1115.
 29. Werner BC, Pehlivan HC, Hart JM, et al. Increased incidence of postoperative stiffness after arthroscopic compared with open biceps tenodesis. *Arthroscopy* 2014;30:1075-1084.
 30. Park YE, Shon MS, Lim TK, Koh KH, Jung SW, Yoo JC. Knot impingement after rotator cuff repair: Is it real? *Arthroscopy* 2014;30:1055-1060.
 31. Keller T, Tompkins M, Economopoulos K, et al. Tibial tunnel placement accuracy during anterior cruciate ligament reconstruction: Independent femoral versus trans-tibial femoral tunnel drilling techniques. *Arthroscopy* 2014;30:1116-1123.
 32. Martin HD, Hatem MA, Kivlan BR, Martin RL. Function of the ligamentum teres in limiting hip rotation: A cadaveric study. *Arthroscopy* 2014;30:1085-1091.
 33. Kaniki N, Willits K, Mohtadi N, Fung V, Bryant D. A retrospective comparative study with historical control to determine the effectiveness of platelet-rich plasma as part of nonoperative treatment of acute Achilles tendon rupture. *Arthroscopy* 2014;30:1139-1145.
 34. Larson CM, Giveans MR. Arthroscopic debridement versus refixation of the acetabular labrum associated with femoroacetabular impingement. *Arthroscopy* 2009;25:369-376.
 35. Grasso A, Milano G, Salvatore M, Falcone G, Deriu L, Fabbriani C. Single-row versus double-row arthroscopic rotator cuff repair: A prospective randomized clinical study. *Arthroscopy* 2009;25:4-12.
 36. Lopez-Vidriero E, Goulding KA, Simon DA, Sanchez M, Johnson DH. The use of platelet-rich plasma in arthroscopy and sports medicine: Optimizing the healing environment. *Arthroscopy* 2010;26:269-278.
 37. Lubowitz JH. Anteromedial portal technique for the anterior cruciate ligament femoral socket: Pitfalls and solutions. *Arthroscopy* 2009;25:95-101.
 38. Oh JH, Kim SH, Ji HM, Jo KH, Bin SW, Gong HS. Prognostic factors affecting anatomic outcome of rotator cuff repair and correlation with functional outcome. *Arthroscopy* 2009;25:30-39.
 39. van Eck CF, Lesniak BP, Schreiber VM, Fu FH. Anatomic single- and double-bundle anterior cruciate ligament reconstruction flowchart. *Arthroscopy* 2010;26:258-268.
 40. Kon E, Mandelbaum B, Buda R, et al. Platelet-rich plasma intra-articular injection versus hyaluronic acid viscosupplementation as treatments for cartilage pathology: From early degeneration to osteoarthritis. *Arthroscopy* 2011;27:1490-1501.
 41. Samuelsson K, Andersson D, Karlsson J. Treatment of anterior cruciate ligament injuries with special reference to graft type and surgical technique: An assessment of randomized controlled trials. *Arthroscopy* 2009;25:1139-1174.
 42. Bedi A, Musahl V, Steuber V, et al. Transtibial versus anteromedial portal reaming in anterior cruciate ligament

- reconstruction: An anatomic and biomechanical evaluation of surgical technique. *Arthroscopy* 2011;27:380-390.
43. Matsuda DK. Acute iatrogenic dislocation following hip impingement arthroscopic surgery. *Arthroscopy* 2009;25:400-404.
 44. Andersson D, Samuelsson K, Karlsson J. Treatment of anterior cruciate ligament injuries with special reference to surgical technique and rehabilitation: An assessment of randomized controlled trials. *Arthroscopy* 2009;25:653-685.
 45. Byrd JWT, Jones KS. Hip arthroscopy for labral pathology: Prospective analysis with 10-year follow-up. *Arthroscopy* 2009;25:365-368.
 46. Bedi A, Raphael B, Maderazo A, Pavlov H, Williams RJ. Transtibial versus anteromedial portal drilling for anterior cruciate ligament reconstruction: A cadaveric study of femoral tunnel length and obliquity. *Arthroscopy* 2010;26:342-350.
 47. Botser IB, Smith TW, Nasser R, Domb BG. Open surgical dislocation versus arthroscopy for femoroacetabular impingement: A comparison of clinical outcomes. *Arthroscopy* 2011;27:270-278.
 48. Bedi A, Altchek DW. The "footprint" anterior cruciate ligament technique: An anatomic approach to anterior cruciate ligament reconstruction. *Arthroscopy* 2009;25:1128-1138.
 49. Radice F, Yáñez R, Gutiérrez V, Rosales J, Pinedo M, Coda S. Comparison of magnetic resonance imaging findings in anterior cruciate ligament grafts with and without autologous platelet-derived growth factors. *Arthroscopy* 2010;26:50-57.
 50. Stärke C, Kopf S, Petersen W, Becker R. Meniscal repair. *Arthroscopy* 2009;25:1033-1044.
 51. Philippon MJ, Kuppersmith DA, Wolff AB, Briggs KK. Arthroscopic findings following traumatic hip dislocation in 14 professional athletes. *Arthroscopy* 2009;25:169-174.
 52. Ho JY, Gardiner A, Shah V, Steiner ME. Equal kinematics between central anatomic single-bundle and double-bundle anterior cruciate ligament reconstructions. *Arthroscopy* 2009;25:464-472.
 53. Valentí Nin JR, Mora Gasque G, Valentí Azcárate A, Aquerreta Beola JD, Hernandez Gonzalez M. Has platelet-rich plasma any role in anterior cruciate ligament allograft healing? *Arthroscopy* 2009;25:1206-1213.
 54. Lubowitz JH, Poehling GG. Letters to the editor: The best arthroscopy research ever! *Arthroscopy* 2009;25:939-940.