

RESEARCH

Should All Garden I and II Femoral Neck Fractures in the Elderly be Fixed? Effect of Posterior Tilt on Rates of Subsequent Arthroplasty. Okike K, Udogwu UN, Isaac M, Sprague S, Swiontkowski MF, Bhandari M, Slobogean GP; FAITH Investigators, (**Sagebien,C**). *J Bone Joint Surg Am.* [Accepted Aug 2019]

Early Radiographic Union Score for Hip Is Predictive of Femoral Neck Fracture Complications within 2 Years. Bernaus M, Slobogean GP, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M, Swiontkowski M, Sprague S; FAITH Investigators, (**Sagebien,C**). *J Orthop Trauma.* [Accepted Aug 2019]

Femoral Neck Shortening After Hip Fracture Fixation is Associated with Inferior Hip Function: Results from the FAITH Trial. Felton J, Slobogean G, Jackson SS, Della Rocca GJ, Liew L, Haverlag R, Jeray KJ, Sprague SA, O'Hara NN, Swiontkowski M, Bhandari M.; FAITH Investigators, (**Sagebien,C**). *J Orthop Trauma.* 2019 Aug 26

Loss of Independence After Operative Management of Hip Fractures in the Elderly. Schemitsch EH, Sprague S, Heetveld MJ, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M, Bhandari M; FAITH investigators, (**Sagebien,C**). *J Orthop Trauma.* 2019 Jun;33(6):292-300

Factors Associated with Revision Surgery Following Internal Fixation of Hip Fractures. Sprague S, Schemitsch EH, Swiontkowski M, Della Rocca GJ, Jeray KJ, Liew S, Slobogean G, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M; FAITH Investigators (**Sagebien,C**). *J Orthop Trauma.* 2018 May;32(5):223-230

Factors Associated with Health-Related Quality of Life, Hip Function, and Health Utility after Operative Management of Femoral Neck Fractures. Sprague S, Bhandari M, Heetveld MJ, Liew S, Scott T, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M, Schemitsch EH; FAITH investigators (**Sagebien,C**). *Bone Joint J.* September 2017: 2018;100-B:361-369

Vitamin D Use and Health Outcomes After Surgery for Hip Fracture.

Sprague S, Slobogean GP, Bogoch E, Petrisor B, Garibaldi A, O'Hara N, Bhandari M; FAITH Investigators. *Orthopedics.* 2017 Oct 1;40(5):e868-e875.

Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. (FAITH) Investigators* (**Sagebien,C**). *Lancet*, Published Online: March 2, 2017 [http://dx.doi.org/10.1016/S0140-6736\(17\)30066-1](http://dx.doi.org/10.1016/S0140-6736(17)30066-1)

Evaluation of osteoporosis risk and initiation of a nurse practitioner intervention program in an orthopedic practice. Seuffert P, **Sagebien** CA, McDonnell M, O'Hara DA. *Arch Osteoporos.* 2016;11:10. doi: 10.1007/s11657-016-0262-7. Epub 2016 Feb 4.

Femoral Neck Shortening After Internal Fixation of a Femoral Neck Fracture. FAITH

Investigators (**Sagebien,C.**). *Orthopedics*. 2013 Jul;36(7).

A Novel Technique for Percutaneous Removal of a Suprapatellar Nail.; Leary, J., Werger, M., **Sagebien, C.** *Am J Orthop*. 2013 Mar;42(3):136-40.

Burgers PT, Hoogendoorn M, Van Woensel EA, Poolman RW, Bhandari M, Patka P, Van Lieshout EM; HEALTH Trial Investigators (**Sagebien, C.**). *Total medical costs of treating femoral neck fracture patients with hemi- or total hip arthroplasty: a cost analysis of a multicenter prospective study*. *Osteoporos Int*. 2016 Jun;27(6):1999-2008. Epub 2016 Jan 28.

Zielinski SM, Heetveld MJ, Bhandari M, Patka P, Van Lieshout EM; FAITH Trial Investigators (**Sagebien,C.**). *Implant Removal After Internal Fixation of a Femoral Neck Fracture: Effects on Physical Functioning*. *J Orthop Trauma*. 2015 Sep;29(9):e285-92.

Burgers PT, Poolman RW, Van Bakel TM, Tuinebreijer WE, Zielinski SM, Bhandari M, Patka P, Van Lieshout EM; HEALTH & FAITH Trial Investigators (**Sagebien,C.**). *Reliability, validity, and responsiveness of the Western Ontario and McMaster Universities Osteoarthritis Index for elderly patients with a femoral neck fracture*. *J Bone Joint Surg Am*. 2015 May 6;97(9):751-7.

Bhandari M, Devereaux PJ, Einhorn TA, Thabane L, Schemitsch EH, Koval KJ, Frihagen F, Poolman RW, Tetsworth K, Guyatt G; HEALTH Investigators (**Sagebien,C.**). *Hip fracture evaluation with alternatives of total hip arthroplasty versus hemiarthroplasty (HEALTH): protocol for a multicentre randomised trial*. *BMJ Open*. 2015 Feb 13;5(2):e006263.

FAITH Investigators (**Sagebien,C.**). *Fixation using alternative implants for the treatment of hip fractures (FAITH): design and rationale for a multi-centre randomized trial comparing sliding hip screws and cancellous screws on revision surgery rates and quality of life in the treatment of femoral neck fractures*. *BMC Musculoskelet Disord*. 2014 Jun 26;15:219.

Zielinski SM, Keijsers NL, Praet SF, Heetveld MJ, Bhandari M, Wilssens JP, Patka P, Van Lieshout EM; FAITH Trial Investigators (**Sagebien, C.**). *Functional outcome after successful internal fixation versus salvage arthroplasty of patients with a femoral neck fracture*. *J Orthop Trauma*. 2014 Dec;28(12):e273-80.

Zielinski SM, Bouwmans CA, Heetveld MJ, Bhandari M, Patka P, Van Lieshout EM; FAITH trial investigators (**Sagebien, C.**). *The Societal Costs of Femoral Neck Fracture Patients Treated With Internal Fixation*. *Osteoporos Int*. 2014 Mar;25(3):875-85.

Carlos A. Sagebien, MD, Patricia Seuffert, MS, Charles J. Gatt, MD, James T. Monica, MD, and Doreen O'Hara, MD, MSE. *Effect of DEXA Scan and Patient Education on Osteoporosis Treatment Compliance*. 44th Eastern Orthopaedic Annual Meeting Book, October, 2013.

Carlos A. Sagebien, MD, Patricia Seuffert, MS, Charles J. Gatt, MD, James T. Monica, MD, and Doreen O'Hara, MD, MSE. *The Effect of The Medicare Physician Quality Reporting Initiative on Bone Density Screening*. 44th Eastern Orthopaedic Annual Meeting Book, October, 2013.

Moiz Manaqibwala, MD, Katherine Butler, MD, **Carlos Sagebien, MD**. *Complications of Hip Fracture Surgery of Patients Receiving Clopidogrel Therapy*. 44th Eastern Orthopaedic Annual Meeting Book, October, 2013.

Zielinski SM, Viveiros H, Heetveld MJ, Swiontkowski MF, Bhandari M, Patka P, Van Lieshout EM; FAITH trial investigators (**Sagebien, C**). *Central Coordination as an Alternative for Local Coordination in a Multicenter Randomized Controlled Trial: the FAITH Trial Experience*. *Trials*. 2012 Jan 8;13:5.

Bias Towards Dementia: Are Hip Fracture Trials Excluding Too Many Patients? A Systematic Review. Hebert-Davies J, Laflamme GY, Rouleau D; HEALTH and FAITH investigators (**Sagebien, C**). *Injury*. 2012 Dec;43(12):1978-84.

Adam N. Wilson, MD, Jayson P. Bell, MD, Chaim Y. Bar-Eli, BA, and **Carlos A. Sagebien, MD**. *Cadaveric and Computed Tomographic Anatomy of the Distal Femoral Articular Capsule*. 43rd Eastern Orthopaedic Association Annual Meeting Book, June, 2012.

Carlos A. Sagebien, MD, Adam M. Starr, MD, David A. Harwood, MD, Patricia A. Seuffert, MS and Doreen O'Hara, MD, MSE. *A Novel Protocol to Improve Hemostasis in Total Knee Arthroplasty*. 42nd Eastern Orthopaedic Association Annual Meeting Book, October, 2011.

Sunil Wimalawansa MD, **Carlos Sagebien MD**, Robert Masella, MD, David Redziniak MD, Jason Nitche MD. *Case Series: Atypical Subtrochanteric Femoral Fractures After Potent Anti-resorptive Therapy*. *Journal of Clinical Densitometry: Assessment of Skeletal Health: Volume 14, Number 2, April-June 2011*.

Carlos A. Sagebien, MD, John Delgado, MD, Patricia Seuffert, MS and Doreen O'Hara, MD. *Titanium vs. Stainless Steel Plates in the Less Invasive Stabilization System (LISS)*. 41st Eastern Orthopaedic Association Annual Meeting Book, October, 2010.

O'Toole RV, Whitney A, Merchant, N, Hui E, Higgins J, Kim TT, **Carlos A. Sagebien**. *Wide Variation in Diagnosis of Compartment Syndrome by Surgeons Treating Tibial Shaft Fractures*. *J Trauma*, 2009 Oct;67(4) 735-41.

Jason Nitche, Robert Masella, Daniel Redziniak, **Carlos Sagebien**. *Subtrochanteric Femoral Stress Fractures in Patients on Long-Term Bisphosphonate Therapy*. OTA 24th Annual Meeting Book, 2008.

Sagebien CA, Rodriguez ED, Turen CH. *The soft-tissue frame*. *Plast Reconstr Surg*. 2007 Jun;119(7):2137-40.

Robert V O'Toole, Augusta Whitney, Nishan Merchant, Terrence Kim, **Carlos A. Sagebien**. *Wide Variation in Diagnosis of Compartment Syndrome by Surgeons Treating Tibial Shaft Fractures*. AAOS Annual Meeting 2007 Proceedings Book.

Robert V. O'Toole, **Carlos Sagebien**, Romney C. Andersen, and Jason W. Nascone. *Superior Pubic Ramus Osteotomy to Treat Locked Pubic Symphysis. A Case Report.* J. Bone Joint Surg. Am., Jul 2006; 88: 1609 - 1614.

Carlos A. Sagebien, Robert V. O'Toole, Terrence T. Kim, Marcus A. Sciadini, Jason W. Nascone, Clifford H. Turen. *Intramedullary Nailing of Proximal Tibia Fractures: A Report on 337 Consecutive Tibia Fractures.* AAOS Annual Meeting 2006 Proceedings Book.

PRESENTATIONS

Julianne Forlizzi, MD, Frank Chiarappa, MD, **Carlos Sagebien, MD.** *The Distal Interlocking Screw Is Not Necessary For Stable Intertrochanteric Fractures.* 49th Eastern Orthopaedic Association Annual Meeting, October, 2018. Amelia Island, FL.

Patricia A. Seuffert, MS, APN, **Carlos A. Sagebien, MD**, Dorene O'Hara, MD, MSE. *A Fracture Liason in an Orthopaedic Office Did Not Improve Adherence to Treatment for Patients With Osteoporosis.* ASBMR Annual Meeting, September, 2018. Montreal, Quebec, Canada.

Carlos A. Sagebien, MD, Gino Chiappetta, MD, Matthew McDonnell, MD, Geza Kiss, MD, David Harwood, MD. *A Protocol for DVT Prevention Based on the Caprini Score Reduces the Incidence of Post-operative Venous Thrombosis in Elective Orthopaedic Surgery.* Poster Presentation: AAOS Annual Meeting, March, 2018. New Orleans, LA.

Carlos A. Sagebien MD, Zach Vredenburgh MD. *A Dedicated Orthopaedic Trauma Room Improves Operating Room Efficiency.* Podium Presentation: 47th Eastern Orthopaedic Association Annual Meeting, October, 2016. New Orleans, LA.

Amy Smith, MSN, RN, NEA, Chaim Bar-Eli, MD⁺, Mark Ayoub, MD, & **Carlos A. Sagebien, MD.** *A Dedicated Orthopaedic Trauma Room Decreases Patient Hospital Length of Stay (LOS) and After-Hours Surgery.* Poster Presentation: AAOS Annual Meeting, March, 2016. Orlando, FL.

James T. Monica, MD, Patricia Seuffert, MS, Charles J. Gatt, MD, **Carlos A. Sagebien, MD**, and Doreen O'Hara, MD, MSE. *Effect of DEXA Scan and Patient Education on Osteoporosis Treatment Compliance.* Podium Presentation: 44th Eastern Orthopaedic Association Annual Meeting, October, 2013. Miami, FL.

Carlos A. Sagebien, MD, Patricia Seuffert, MS, Charles J. Gatt, MD, James T. Monica, MD, and Doreen O'Hara, MD, MSE. *The Effect of The Medicare Physician Quality Reporting Initiative on Bone Density Screening.* Poster Presentation: 44th Eastern Orthopaedic Association Annual Meeting, October, 2013. Miami, FL.

Moiz Manaqibwala, MD, Katherine Butler, MD, **Carlos Sagebien, MD.** *Complications of Hip Fracture Surgery of Patients Receiving Clopidogrel Therapy.* 44th Eastern Orthopaedic Association Annual Meeting, October, 2013. Miami, FL

Cadaveric and Computed Tomographic Anatomy of the Distal Femoral Articular Capsule. Adam N. Wilson, MD, Jayson P. Bell, MD, Chaim Y. Bar-Eli, BA, and **Carlos A. Sagebien, MD**. Podium Presentation: 43rd Eastern Orthopaedic Association Annual Meeting, June, 2012. Sagamore, NY.

PQRI Compliance Assisting in the Evaluation and Treatment of Osteoporosis in the Private Orthopaedic Office Setting. Patricia Seuffert, MS, **Carlos A. Sagebien, MD**, Mark S. Butler, MD, Charles A. Gatt, MD and Doreen O'Hara, MD, MSE. Podium and Poster Presentation: National Osteoporosis Foundation International Symposium on Osteoporosis, April, 2012. Orlando, FL.

A Novel Protocol to Improve Hemostasis in Total Knee Arthroplasty. **Carlos A. Sagebien, MD**, Adam M. Starr MD, David A. Harwood, MD, Patricia A. Seuffert, MS and Doreen O'Hara, MD, MSE. Podium Presentation: 42nd Eastern Orthopaedic Association Annual Meeting, October, 2011. Williamsburg, VA.

Case Series: Atypical Subtrochanteric Femoral Fractures After Potent Anti-resorptive Therapy. Sunil Wimalawansa MD, **Carlos Sagebien MD**, Robert Masella, MD, David Redziniak MD, Jason Nitche MD. Poster: International Society of Clinical Densitometry Meeting: April, 2011. Miami, FL.

Titanium vs. Stainless Steel Plates in the Less Invasive Stabilization System (LISS). **Carlos A. Sagebien, MD**, John Delgado, MD, Patricia Seuffert, MS and Doreen O'Hara, MD. Podium Presentation: 41st Eastern Orthopaedic Association Annual Meeting, October, 2010. Naples, FL.

Cadaveric and Computed Tomographic Anatomy of the Distal Femoral Articular Capsule. Adam N. Wilson, MD, Jayson P. Bell, MD, Chaim Y. Bar-Eli, BA and **Carlos A. Sagebien, MD**. Poster Presentation: Robert Wood Johnson Medical School-University of Medicine & Dentistry of New Jersey. Dean's Research Awards & Open Poster Session, May 2010.

Premature Physeal Closure After Pediatric Distal Tibia Fracture. Jeffrey T. Leary, MD, J. Andrew Bowe, MD and **Carlos A. Sagebien, MD**. Poster Presentation: Robert Wood Johnson Medical School-University of Medicine & Dentistry of New Jersey. Dean's Research Awards & Open Poster Session, May 2010.

A Novel Protocol to Improve Hemostasis in Total Knee Arthroplasty. Adam M. Starr MD, David A. Harwood, MD, **Carlos A. Sagebien, MD**, Patricia A. Seuffert, MS and Doreen O'Hara, MD, MSE. Poster Presentation: Robert Wood Johnson Medical School-University of Medicine & Dentistry of New Jersey. Dean's Research Awards & Open Poster Session, May 2010.

Titanium vs. Stainless Steel Plates in the Less Invasive Stabilization System (LISS). John Delgado, MD, Patricia Seuffert, MS, **Carlos A. Sagebien, MD** and Doreen O'Hara, MD. Poster Presentation: Robert Wood Johnson Medical School-University of Medicine & Dentistry of New Jersey. Dean's Research Awards & Open Poster Session, May 2010.

Subtrochanteric Femoral Stress Fractures in Patients on Long-Term Bisphosphonate Therapy. Jason Nitche, Robert Masella, Daniel Redziniak, **Carlos Sagebien**.
Poster Presentation: OTA 24th Annual Meeting, 2008. Denver, CO.

Wide Variation in Diagnosis of Compartment Syndrome by Surgeons Treating Tibial Shaft Fractures. Robert V O'Toole, Augusta Whitney, Nishan Merchant, Terrence Kim, **Carlos A. Sagebien**. Podium Presentation: AAOS Annual Meeting 2007. San Diego, CA.

Intramedullary Nailing of Proximal Tibia Fractures: A Report on 337 Consecutive Tibia Fractures. **Carlos A. Sagebien**, Robert V. O'Toole, Terrence T. Kim, Marcus A. Sciadini, Jason W. Nascone, Clifford H. Turen. Podium Presentation: AAOS Annual Meeting 2006. Chicago, IL.

The Use of Inferior Vena Cava Filters in Musculoskeletal Malignancy. Mark G. Grossman, **Carlos A. Sagebien**, Dipak V. Patel, Phillip F. Bahramipour, Michael B. Silva Jr., Joseph Benevenia. Podium Presentation: The Second North American Symposium on Skeletal Complications of Malignancy, Montreal, Canada, 1999 and The Annual Meeting of the Musculoskeletal Tumor Society, Denver, Colorado, 1999.