



TWIN CITIES ORTHOPEDICS
FOUNDATION

Research • Education • Community Service

2015 ANNUAL REPORT

TWIN CITIES ORTHOPEDICS FOUNDATION



TWIN CITIES ORTHOPEDICS
FOUNDATION

Research • Education • Community Service

.....
Advancing musculoskeletal health through community
service, orthopedic research, education and training.

TCOFoundation.org



MESSAGE FROM THE PRESIDENT

To my partners, as well as our supporters and sponsors of the Twin Cities Orthopedics Foundation (TCOF),

On behalf of the TCOF board, I would like to offer my gratitude for your support of the Foundation in 2015, as well as your ongoing support for 2016. We are excited about our 2016 initiatives as we have put together a program that we hope you will be willing to support and of which we all can be extremely proud.

In 2015, Twin Cities Orthopedics (TCO) physicians again accomplished much in terms of several outstanding research projects and publications in journals and texts, something in which all of the physicians of TCO can take pride. We continued to sponsor several community-related initiatives in regard to musculoskeletal health, well being and education. We continued our work with local school districts on concussion prevention and testing as well as providing athletic training room supplies. We supported several local organizations with common musculoskeletal interests, including Cycle Health and Empower (formerly LSWAG). In April, we accomplished our fourth international medical volunteer trip to Leon, Nicaragua. The Foundation supported three team members—a Physician's Assistant (P.A.), a scrub tech, and a medical student/interpreter—who would not have been able to participate without the financial support the TCOF provided. These individuals were critical in the success of this mission trip that made a large impact on the lives of many patients in Nicaragua as well as helped support the important goal of providing education and teaching to the medical students, orthopedic residents and staff. We also accomplished our goal of starting an international scholar program here in Minnesota by bringing two of the orthopedic residents from Leon to Minnesota. They spent one week observing patient care in TCO clinics, observing in surgery, and attending the Hennepin County Medical Center Trauma Conference. One of the residents also gave a paper and presentation at the conference.

2016 continues most of these initiatives, including another trip to Nicaragua this past April and the international scholar program this fall. In addition, we are starting a local mentorship program with North High School students who are interested in careers in the healthcare field, working directly with TCO physicians, nurses, scrub techs, therapists, clinic support staff, and others.

If you have not made your contribution to the TCO Foundation for 2016, please consider doing so. We need your support to be able to continue the important work the TCOF is attempting to accomplish in regard to fulfilling our mission: Advancing musculoskeletal health through community service, orthopedic research, education and training.

Your donations and support are greatly appreciated and, I assure you, will be well used with almost zero dollars going to overhead and virtually 100% to the initiatives and projects I have outlined. No dollars donated to TCOF are used to support physician research unless specifically indicated.

Please do not hesitate to contact me or any other board member if you have questions or concerns regarding this 2015 Annual Report or any of our Foundation activities. If you are interested in serving on the TCO Foundation board, please talk with me or one of the board members.

Kurt D. Anderson, MD

President | Twin Cities Orthopedics Foundation

ABOUT THE FOUNDATION

Established in 2007 by members of the Twin Cities Orthopedics practice, the Foundation is developing and investing in key activities to improve the quality of life by those affected by bone, joint and muscle injuries and disorders.

Our Mission

To advance musculoskeletal health through community service, orthopedic research, education, and training.

Our Vision

- Supporting Community Programs and Services
- Promoting an Active Lifestyle
- Increasing Orthopedic Scientific Knowledge Through Research and Education
- Fostering Volunteer Orthopedic Services to Underserved Local and International Communities

2015 Accomplishments

- International Orthopedic Resident Training Program: Two orthopedic residents from Nicaragua were hosted by TCO in November. Both visited various TCO facilities and attended the Hennepin Trauma Conference.
- International Medical Mission Scholarship Program: Provided financial support to three area medical professionals for a medical mission trip in Nicaragua.
- Community Support: Continued CycleHealth support through financial contribution and TCO services. Formed a new partnership with a local organization, Empower (formerly LSWAG), focused on female youth developing leadership skills and self-esteem.
- Adopt A Training Room: Donated \$10,000 to District 833 in support of enhancing its high school training room facilities.
- ImPact Testing Program: From 8/13/2015 to 12/14/2015, provided baseline ImPact tests to 2,725 high school and collegiate athletes. Since its inception in 2014, the program has provided ImPact tests to 7,352 student athletes.

2016 Objectives

- International Orthopedic Resident Training Program
- International Medical Mission Scholarship Program: Provide financial support to staff volunteering on medical mission trips
- Medical Mentorship: Year-long mentorship program (focus on healthcare careers) with underprivileged youth
- Community Support: CycleHealth, Empower (formerly LSWAG), and one additional community organization; financial support to local high schools.
- Scholarship Program: Partnering with the Minneapolis School District
- ImPact Testing Program

2015 BOARD OF DIRECTORS



Kurt Anderson, MD
PRESIDENT



Troy Simonson
TREASURER



John Anderson, MD



Scott Anseth, MD



Adam Bakker, MD



David Gesensway, MD



Jay Johnson, MD



YEAR END | DECEMBER 31, 2015 STATEMENT OF ACTIVITIES

CONTRIBUTIONS

REVENUES	
Research & Education	\$268,399
Other Designated Funds	\$42,562
Unrestricted Funds	\$57,040
Total Contributions	
	\$368,002

DISBURSEMENTS

REVENUES	
Research & Education	\$194,096
Concession Program	\$15,500
Strategic Partners / Contributions to Other NFP	\$26,000
Scholarship Program	\$5,000
Administrative Costs	\$5,607
Total Contributions	
	\$225,704

2015 TOTALS

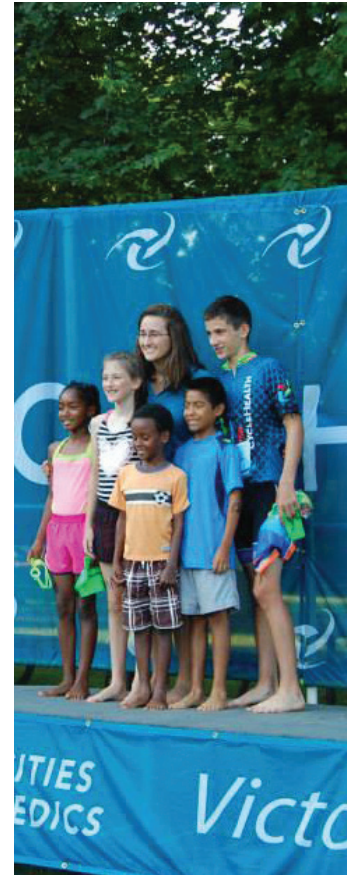
Total Expenses	\$225,704
Change in Net Assets	\$142,298
Net Assets, Beginning of Year	\$70,100
Net Assets, End of Year 2015	\$212,398

SUPPORTING OUR COMMUNITIES

LOCAL INVOLVEMENT

CycleHealth: Kid-Powered Wellness

CycleHealth teams with leaders in business and healthcare to equip kids with tools to create a new cycle of health in America. World-class events and programs, delivered through CycleHealth's innovative Sweat Rx, allow kids to lead the way to wellness.



Empower — Leadership Academy for Girls

Empower's (formerly LSWAG) mission is to inspire, develop and empower the next generation of leaders by offering events for girls in grades 5–12. Empower's four pillars of focus are Leadership, Confidence, Resilience and Community.



Empower

SUPPORTING OUR COMMUNITIES

GLOBAL INVOLVEMENT

INTERNATIONAL SCHOLAR PROGRAM 2015

The purpose of the International Scholar Program is to help advance orthopedic care in the guest nation by helping train and educate young orthopedic surgeons to become educators and leaders in their community.

Since 2013, the TCO Foundation has supported volunteer service trips by surgeons, therapists, and assistants from Twin Cities Orthopedics to teach and operate in Leon, Nicaragua. These service trips have been in partnership with Cooperación Ortopédica Americano Nicargüense (COAN) (COANhealth.com), a partner not-for-profit organization committed to optimizing the orthopedic healthcare of the people of Nicaragua. Volunteers for COAN have completed four trips per year to Nicaragua since its inception in 2003, helped build an Orthopedic Library, and started the SIGN Nail program (SIGNfracturecare.org).

The 2015 TCOF International Scholar Program recipients were: Marlen Elizabet Taleno West, MD, a first-year faculty member at the Hospital Escuela Oscar Danilo Rosales Arguello in Leon, Nicaragua, and Carlos Fernando Paiz Martinez, MD, the current Chief Resident in orthopedics at the same hospital. These surgeons traveled to Minneapolis October 30 – November 8, 2015 for an educational visit with the surgeons of Twin Cities Orthopedics where they participated in clinics, observed surgery, practiced surgical techniques on simulators, gave presentations, and attended the 45th Annual Orthopedic and Trauma Seminar three-day conference. Dr. Taleno presented their hospital's experience with the SIGN Nail program. The doctors' visits were funded by the TCOF for all expenses, and their conference tuition was supported by the Twin Cities Orthopaedic Education Association.



MISSION TRIP TO NICARAGUA

In April 2015 Drs. Kurt Anderson and David Gesensway lead five other volunteers from the TCO Foundation on their third volunteer orthopedic service trip to Nicaragua. One of the oldest cities in the New World, founded not long after Christopher Columbus explored the Caribbean coast of Nicaragua, Leon is the home of one of the country's two medical schools and orthopedic surgery residency programs. It is the only public hospital in this beautiful colonial city of about a half million residents, most of whom are poor and utilize the free services provided at this government hospital. The team from TCOF hand-carried over 600 pounds of donated medical supplies to help serve the hospital's many orthopedic and anesthesia needs. There were lectures every morning for the 12 orthopedic residents and seven full-time orthopedic staff surgeons.

The TCO team evaluated patients with the local orthopedic residents and therapists, and assisted with 24 surgical cases throughout the week. Most of the patients either had a complex surgical problem, or the need for an expensive part or implant that was just not available without the assistance of TCOF. An additional 27 patients were treated in hand therapy. With temperatures near 100°F, bright sunshine every day, and air conditioning in the operating room only, the week was challenging in many respects. "But very rewarding and fun", said Dr Gesensway. "The orthopedic residents are bright and eager students; the patients and their families are pleasant and grateful for our help; the hospital administration is welcoming; the city and its environs are interesting; and the food and drink are excellent."



2003

COAN'S INAUGURAL TRIP
TO NICARAGUA

4

NUMBER OF TIMES PER YEAR
COAN SENDS TEAMS TO
HEODRA IN LEÓN

7

NUMBER OF TEAM MEMBERS
WHO PARTICIPATED IN THE
APRIL 2015 MISSION

600+

POUNDS OF HAND-CARRIED
DONATED MEDICAL SUPPLIES

60+

NUMBER PRE-SCREENED
PATIENTS EVALUATED IN CLINIC
FOR SURGERY

24

NUMBER OF SURGICAL
CASES PERFORMED

5

NUMBER OF PRESENTATIONS
GIVEN TO HEODRA STUDENTS

27

NUMBER OF PATIENTS TREATED
IN HAND THERAPY



TCO FOUNDATION RESEARCH STUDIES

TCO – IRB Approved Research Studies

Dr. John T. Anderson

Peri-Operative Patient Specific Blood and Anemia Management in Elective Total Joint Replacement Patients

Long-term Patient Outcomes and Return to Activity After Total Knee Arthroplasty

Dr. Scott D Anseth

FDA Clinical Trial- A Randomized Clinical Study to Compare the Safety and Efficacy of the Oxford Cementless Partial Knee System

Dr. J. Chris Coetzee

Coetzee JC, Nilsson LJ, Stone RM, Fritz JE. Lateral ankle ligament reconstruction with InternalBrace™ augmentation: A prospective randomized study

**Oliver SM, Coetzee JC, Samuelson KM, Stone RM, Fritz JE, Giveans MR. Early Results on a Modern Generation Fixed-Bear Total Ankle Arthroplasty

Coetzee JC, Stone RM. Treatment Outcomes of Hallux Rigidus

Coetzee JC, Nilsson LJ, Stone RM, Fritz JE. Takedown of Ankle Fusions and Conversion to Total Ankle Replacements: A prospective Longitudinal Study

Coetzee JC, Nilsson LJ, Stone RM, Fritz JE. Functional Outcome of Sesamoid Excision in Athletes

Coetzee JC, Stone RM. Retrospective Chart Review of the InternalBrace Ligament Augmentation Repair in Conjunction with Open Brostrom Surgery in Foot and Ankle patients.

Coetzee JC, Stone RM. Comparing Ankle Arthrodesis to Ankle Arthroplasty

Coetzee JC, Stone RM. Retrieval and Analysis of Total Ankle Arthroplasty Implants and Periprosthetic Tissue: Correlating Radiographic, Clinical,

Damage Mode and Inflammatory Marker Data to Elucidate the Path Toward Revision and Clinical Failure

Coetzee JC, Stone RM. Post Market, Longitudinal Data Collection Study of Articular Cartilage Lesions in the Ankle Treated With DeNovo NT Natural Tissue Graft

Coetzee JC, Stone RM. Multi-Center, Randomized, Controlled Study of Subtalar Arthrodesis Using AlloStem Versus Autologous Bone Graft

Coetzee JC. Treatment Outcomes of Ankle Osteoarthritis

Dr. Thomas K. Comfort

Comfort TK, Mehle SC. Impact of Cup Geometry and Fixation on Survival in Total Hip Arthroplasty

Dr. Christopher M. Larson

Larson CM, Ross JR, Giveans MR, Stone RM, Ramos NM, Bedi A. Gender Based Differences and Hip Arthroscopy: Clinical Findings, Procedures, and Outcomes

Larson CM, Ross JR, Moser, BR, Giveans MR, Stone RM, Ramos NM, Bedi A. The Dancers Hip: Extreme ROM Impingement / Instability: Arthroscopic Clinical Outcomes

Larson CM, Ross JR, Stone RM, Samuelson KM, Schelling EF, Giveans MR, Bedi A. Arthroscopic Management of Dysplastic Hip Morphologies: Predictors of Success and Failures and Comparison to an Arthroscopic FAI Cohort

Larson CM, Giveans MR, Stone RM, Samuelson KM. Complications after Hip Arthroscopy

Larson CM, Giveans MR, Stone RM. Arthroscopic Treatment of Femoroacetabular Impingement: Early Outcome Evaluation of Labral Refixation / Repair vs. Debridement

Larson CM, Stone RM, Giveans MR. A Multicenter Prospective Analysis of Hip Impingement Surgery

**Larson CM, Cornelsen GD, Rust D, Giveans MR, Stone RM. Cam Impingement in Hockey Players

Larson CM, Giveans MR. Maximal Isometric Force Generation Comparison in Patients After Proximal Hamstring Rupture

Larson CM, Giveans MR. Management of Acetabular Rim Fractures and Os Acetabuli Associated With Femoroacetabular Impingement: A Comparative Outcomes Study

**Larson CM, McCormick J, Giveans MR. Muscle Activation and Force Production in Patients Following Proximal Hamstrings Repair

**Larson CM, Safran MR, Brcka D, Vaughn Z, Giveans MR, Stone RM. Prevalence of Hip Pathomorphologies and Predictors of Clinically Suspected "Intra-articular" Hip Symptoms

**Larson CM, Johnston C. Return to Athletics Following Fasciotomy for Chronic Exertional Compartment Syndrome

Dr. Gregory N. Lervick

Lervick GN, Stone RM. Post-Market Evaluation of the Rotation Medical Rotator Cuff System

**Lervick GN, Oliver SM, Giveans MR. Incidence of Positive Bacteria Cultures in Clean, Primary Shoulder Arthroplasty Procedures

**Brcka D, Lervick GN, Giveans MR. Incidence of Asymptomatic Labral Pathology in the Dominant Shoulder

Lervick GN. A Novel Assessment Method for Classifying Acromioclavicular Separations

Lervick GN. Long-term Clinical Outcomes and Patient Satisfaction Rates in Clavicles Fractures With Plate Fixation

Lervick GN, Giveans MR. A Comparison of Reversed (Semiconstrained) and Unconstrained Total Shoulder Arthroplasty

Lervick GN, Giveans MR, Stone RM, Ash JR. Reversed Total Shoulder Arthroplasty Using a Deltpectoral Approach and Conservative Aftercare

Lervick GN, Giveans MR. Correlation of Objective Shoulder Function With Patient Self Assessment Following Reversed Total Shoulder Arthroplasty

Lervick GN, Giveans MR, Stone RM. Arthroscopic Distal Clavicle Resection for Treatment of Residual Type II Acromioclavicular (AC) Separations

Lervick GN, Armstrong T, Stone RM, Giveans MR. Patient Satisfaction With Cosmesis and Function Following ORIF of Mid-shaft Clavicle Fractures

**Lervick GN, McCormick J, Popkin C, Freeman M, Giveans MR. Reliability and Reproducibility of a New Method for Classifying Acromioclavicular Separations

**Lervick GN, Merhi O, Muffenbier M, Giveans MR. Outcome of All Arthroscopic Rotator Cuff Repair Using a Single Row Fixation Technique

**Lervick GN, Marger M, Merhi O, Giveans MR, Cooperman A, Fritts H, Gundry C. Correlation of Shoulder Pain Location With Physical Examination and Magnetic Resonance Imaging

Dr. Brad R. Moser

Moser BR, Coetzee JC, Stone RM, Fritz JE. Surgical Treatment of Os Trigonum Syndrome in Dancers through an open approach

Moser BR, Giveans MR. Hip Labral Tears, Articular Cartilage Degeneration, and Musculoskeletal Characteristics of Dancers

Moser BR, Giveans MR. An Evaluation of Dance-Related Injuries and Movement Patterns

Moser BR, Coetzee JC, Giveans MR. Posterior Ankle Impingement

Dr. Corey A. Wulf

Wulf CA, Stone RM. A Stratified, Post-Market Study of DeNovo NT Graft for Treatment of Femoral and Patellar Articular Cartilage Lesions of the Knee

TCO FOUNDATION RESEARCH PUBLICATIONS

TCO Research Publications

Dr. Scott D. Anseth

PEER REVIEW JOURNALS

Crespin DJ, Griffin KH, Johnson JR, Miller C, Finch MD, Rivard RL, Anseth S, Dusek JA. Acupuncture Provides Short-Term Pain Relief for Patients in a Total Joint Replacement Program. *Pain Med.* 2015 Jan 13. doi: 10.1111/pme.12685. [Epub ahead of print]

Dr. J. Chris Coetzee

PEER REVIEW JOURNALS

Seybold JD, Coetzee JC. Lisfranc Injuries: When to Observe, Fix, or Fuse. *Clin Sports Med.* 2015 Oct;34(4):705-23. doi: 10.1016/j.csm.2015.06.006. Epub 2015 Jul 23. Review.

Coetzee JC, Seybold JD, Moser BR, Stone RM. Management of Posterior Impingement in the Ankle in Athletes and Dancers. *Foot Ankle Int.* 2015 Aug;36(8):988-94. doi: 10.1177/1071100715595504. Epub 2015 Jul 10. Review.

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Coetzee JC, Rippstein P. Total Ankle Replacement in Deformity. *Atlas of Ankle Replacements.* In Production 2015.

Seybold JD, Coetzee JC. Surgical management of post-traumatic midfoot deformity and arthritis. *Tech Foot Ankle Surg* Lippincott, Williams & Wilkins. Publish Ahead of Print:1 · April 2015. DOI: 10.1097/BTF.0000000000000094.

Coetzee JC. Arthrodesis of the Tarsometatarsal Joint for Acute Midfoot Injuries. In: *AOFAS Advanced Reconstruction Foot and Ankle 2.* Am Acad Ortho Surgery, Rosemont, IL: 2015;Chapter 54:453-460.

Coetzee JC. The Mobility Prosthesis. In: *AAOS monograph, Total Ankle Arthroplasty.* Rosemont, IL 2015;Chapter 14:165-170.

Coetzee JC. The Agility Total Ankle Prosthesis: Design Issues and Implementation Techniques That Lead to Revision Surgery. In: *AAOS monograph, Total Ankle Arthroplasty.* Rosemont, IL: 2015;Chapter 5:51-59.

INTERNET PUBLICATIONS

Coetzee JC. <http://ryortho.com/2015/08/breathtaking-worlds-first-bilateral-hand-transplant-in-a-child-nonunion-rate-in-subtalar-fusionsmysteries-remain-and-more/>

Coetzee JC. <http://www.halfmarathons.net/running-hills-wont-hurt-your-achilles-study/> by Laura Dattaroon March 2, 2015

Dr. Patrick B. Ebeling

PEER REVIEW JOURNALS

Ebeling PB. More Isn't Always Better, But Is Less?: Commentary on an article by Juuso Heikkinen, MD, et al.: "Augmented Compared with Nonaugmented Surgical Repair After Total Achilles Rupture. Results of a Prospective Randomized Trial with Thirteen or More Years of Follow-up" *J Bone Joint Surg Am*, 2016 Jan 20; 98(2):e8. <http://dx.doi.org/10.2106/JBJS.15.01165>

Dr. Scott M. Holthusen

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Holthusen SM, Sangeorzan BJ. Adult-Acquired Flatfoot Deformity with Substantial Uncovering of the Talar Head. In Alexander IJ, Bluman EM, Greisberg JK (Eds.). *Advanced Reconstruction: Foot and Ankle 2.* Rosemont, IL, AAOS, 2015, Chapter 14; pp 111-120.

Dr. Paul R. Langer

PEER REVIEW JOURNALS

Langer PR. EDITOR. Sports Related Foot & Ankle Injuries, *Clin Podiatr Med Surg.* 2015 Apr;32(2):171-274.

Langer PR. Considerations in treating physically active older adults and aging athletes. *Clin Podiatr Med Surg.* 2015 Apr;32(2):253-60. doi: 10.1016/j.cpm.2014.11.007. Epub 2015 Feb 7. Review.

Langer PR. Two emerging technologies for Achilles tendinopathy and plantar fasciopathy. *Clin Podiatr Med Surg.* 2015 Apr;32(2):183-93. doi: 10.1016/j.cpm.2014.11.002. Epub 2015 Feb 3. Review.

Dr. Christopher M. Larson

PEER REVIEW JOURNALS

Larson CM, Ross JR, Stone RM, Samuelson KM, Schelling EF, Giveans MR, Bedi A. Arthroscopic Management of Dysplastic Hip Deformities: Predictors of Success and Failures With Comparison to an Arthroscopic FAI Cohort. *Am J Sports Med.* 2016 Feb;44(2):447-53. doi: 10.1177/0363546515613068. Epub 2015 Nov 30.

Khan M, Habib A, de Sa D, Larson CM, Kelly BT, Bhandar M, Ayeni OR, Bedi A. Arthroscopy up to Date: Hip Femoroacetabular Impingement. Systematic Review. *Arthroscopy.* 2016 Jan;32(1):177-89. doi: 10.1016/j.arthro.2015.10.010.

Ross JR, Bedi A, Clohisy JC, Gagnier JJ, ANCHOR Study Group, Larson CM. Surgeon Willingness to Participate in Randomized Controlled Trials for the Treatment of Femoroacetabular Impingement. *Arthroscopy*. 2016 Jan;32(1):20-24.e23. doi: 10.1016/j.arthro.2015.07.003. Epub 2015 Sep 26

Lynch TS, Larson CM, Bedi A, Ahmad CS. Team Physician Xs and Os: Athletic Hip Injuries Sports Medicine Update. 2016 Jan/Feb: 4-6.

Ross JR, Stone RM, Larson CM. Core Muscular Injury / Sports Hernia / Pubalgia, and Femoroacetabular Impingement. *Sports Med Arthrosc*. 2015 Dec;23(4):213-20. doi: 10.1097/JSA.0000000000000083.

Spencer-Gardner L, Bedi A, Stuart MJ, Larson CM, Kelly BT, Krych AJ. Ischiofemoral impingement and hamstring dysfunction as a potential pain generator after ischial tuberosity apophyseal fracture non-union/malunion. *Knee Surg Sports Traumatol Arthrosc*. 2015 Oct 1. [Epub ahead of print]

Kweon C, Welton KL, Kelly BT, Larson CM, Bedi A. Arthroscopic Treatment of Cam-Type Impingement of the Hip. *J Bone Joint Surg Reviews*, 2015 Sep; 3(9):e3. <http://dx.doi.org/10.2106/JBJS.RVW.O.00006>

Ross JR, Bedi A, Stone RM, Sibilsky Enselman E, Leunig M, Kelly BT, Larson CM. Corrigendum. Intraoperative fluoroscopic imaging to treat cam deformities: correlation with 3-dimensional computed tomography. *Am J Sports Med*. 2015 Aug;43(8):NP27. doi: 10.1177/0363546515597653.

Crawford EA, Welton KL, Kweon C, Kelly BT, Larson CM, Bedi A. Arthroscopic Treatment of Pincer-Type Impingement of the Hip *JBJS Reviews*, 2015 Aug;3(8):e4. <http://dx.doi.org/10.2106/JBJS.RVW.N.00096>

Weber AE, Bedi A, Tibor LM, Zaltz I, Larson CM. The Hyperflexible Hip: Managing Hip Pain in the Dancer and Gymnast. *Sports Health*. 2015 Jul;7(4):346-58. doi: 10.1177/1941738114532431.

Niroopan G, de SA D, MacDonald A, Burrow S, Larson CM, Ayeni OR. Hip Arthroscopy in Trauma: A Systematic Review of Indications, Efficacy and Complications. *Arthroscopy*. 2015 July In Press.

Mlynarek RA, Cowan JB, Larson CM, Kelly BT, Bedi A. Arthroscopic Approach to Femoroacetabular Impingement. *J Arthroplasty*. 2015 Jul;30(7):1096-1104. doi: 10.1016/j.arthro.2015.04.016. Epub 2015 Apr 21

de Sa D, Cargnelli S, Catapano M, Peterson D, Simunovic N, Larson CM, Ayeni OR.. Efficacy of Hip Arthroscopy for the Management of Septic Arthritis: A Systematic Review. *Arthroscopy*. 2015 Jul;31(7):1358-70. doi: 10.1016/j.arthro.2014.12.028. Epub 2015 Feb 19. Review.

Ross JR, Tannenbaum EP, Nepple JJ, Kelly BT, Larson CM, Bedi A. Functional Acetabular Orientation Varies Between Supine and Standing Radiographs: Implications for Treatment of Femoroacetabular Impingement. *Clin Orthop Relat Res*. 2015 Apr;473(4):1267-73. doi: 10.1007/s11999-014-4104-x.

Ross JR, Larson CM, Adeoyo O, Kelly BT, Bedi A. Erratum to: Residual Deformity Is the Most Common Reason for Revision Hip Arthroscopy: A Three-dimensional CT Study. *Clin Ortho Relat Res* 2015 Mar;473(3):1167. Adeoyo, Olusanjo [corrected to Adeoye, Olusanjo].

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Larson CM, Moreau-Gaudry A, Kelly BT, Thomas Byrd JW, Tonetti J, Lavallee S, Chabanas L, Barrier G, Bedi A. Are Normal Hips Being Labeled as Pathologic? A CT-based Method for Defining Normal Acetabular Coverage. *Clin Orthop Relat Res*. 2015 Apr;473(4):1247-1254. doi: 10.1007/s11999-014-4055-2.

Ross JR, Bedi A, Stone RM, Sibilsky Enselman E, Kelly BT, Larson CM. Characterization of Symptomatic Hip Impingement in Butterfly Ice Hockey Goalies. *Arthroscopy*. 2015 Apr;31(4):635-642. doi: 10.1016/j.arthro.2014.10.010. Epub 2014 Dec 10.

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Acker II WB, Ross JR, Larson CM, Bedi A. Indications for Hip Arthroscopy. *The Hip: AANA Advanced Arthroscopic Surgical Techniques*. SLACK, Inc. 2016; Chapter 3.

Larson CM, Stone RM. Use of Intra-operative Fluoroscopy and Dynamic Examination in Hip Arthroscopy: Achieving a Complete FAI Correction. *The Hip: AANA Advanced Arthroscopic Surgical Techniques*. SLACK, Inc. 2016; Chapter 7.

Nepple JJ, Bedi A, Larson CM. Approaches to Capsulotomy and Capsular Management in Hip Arthroscopy. *The Hip: AANA Advanced Arthroscopic Surgical Techniques*. SLACK, Inc. 2016; Chapter 10.

Ross JR, Stone RM, Larson CM. Subspine Impingement. *Operative Techniques in Sports Medicine*. September 2015;23(3):190-194. DOI: <http://dx.doi.org/10.1053/j.otsm.2015.06.004>

Larson CM, Mlynarek RA, Stone RM, Bedi A. Advanced Reconstruction: Hip 2 Hip Arthroscopy for Nonstructural Problems. *AAOS Submitted April 2015*.

Kelly BT, Larson CM. Femoroacetabular Impingement: I. Pathoanatomy, Clinical Evaluation, and Arthroscopic Treatment Strategies. In: Kelly BT, Bedi A, Larson CM, O'Sullivan E. *Sports Hip Injuries: Diagnosis and Management*. New Jersey. SLACK Inc. 2015. Chapter 2. ISBN-13: 978-1-61711-046-7

Editor for, In: Nho, Leunig, Larson, Bedi, Kelly: *Hip Arthroscopy and Hip Joint Preservation Surgery*. Springer Science Business Media New York. 2015. ISBN 978-1-4614-6964-3; ISBN 978-1-4614-6965-0 (eBook); ISBN 978-1-4614-6966-7 (print and electronic bundle); DOI 10.1007/978-1-4614-6965-0.

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Harris JD, Larson CM, Nho SJ. Complications associated with hip arthroscopy and open hip preservation surgery. In: Nho, Leunig, Larson, Bedi, Kelly: *Hip Arthroscopy and Hip Joint Preservation Surgery*. Springer, New York. 2015; Chapter 28:399-412.

Bedi A, Acker II WB, Ross JR, Larson CM. Operative Indications for Hip Arthroscopy and Open Hip Preservation Surgery. In: Nho, Leunig, Larson, Bedi, Kelly: *Hip Arthroscopy and Hip Joint Preservation Surgery*. Springer, New York. 2015; Chapter 15:281-294.

Larson CM, Birmingham PM. Scope for FAI. *Operative Techniques in Orthopaedic Surgery 2/e*. Wolters Kluwer Health. 2015; Chapter 26:220-230.

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