

# 2018

## ANNUAL REPORT

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TWIN CITIES ORTHOPEDICS FOUNDATION



TWIN CITIES ORTHOPEDICS  
**FOUNDATION**

*Research • Education • Community Service*



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

**[TCOFoundation.org](https://TCOFoundation.org)**



# MESSAGE FROM THE PRESIDENT

Dear Supporters and Friends:

The Twin Cities Orthopedics Foundation finished its 12<sup>th</sup> year of service in 2018 and saw significant growth in its number of donors. Thanks to generous individual donors, gracious corporate support, and significant hard work by many volunteers, the TCO Foundation is doing more good work and supporting more volunteer, research and community efforts than ever before.

Our mission is to advance musculoskeletal health through community service, orthopedic research, education and training, and this year's annual report documents and highlights those efforts completed in 2018. Our entire Board of Directors and staff are volunteers, which has allowed the foundation to directly support more of its goals, with minimal overhead expense (special thanks go to our volunteer board members.) Additionally, we were pleased to welcome Peter Sanders, MD, to the board.

As you read the 2018 Annual Report, I think you will be pleased, impressed and proud of the work being done and supported by the TCO Foundation. The Board of Directors is always open to new ideas and suggestions on how best to support the mission going forward. Please contact me or any of our board members directly with your input.

We are excited to share this year's annual report with you. In early 2019, we plan to launch our new and updated website, allowing for online donations. We look forward to the future good works of the foundation, and thank you for your ongoing support.

We can do more together.

Thank you,

**David Gesensway, MD**

President | Twin Cities Orthopedics Foundation



# ABOUT THE FOUNDATION

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

## Our Mission

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

## Our Vision

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- 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

## 2018 Accomplishments

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- Adopt an Athletic Training Room
  - Funding to area high school athletic training room: Henry Sibley
- ImPACT Concussion Testing Funding
  - Funding support for more than 12,500 tests across metro area student-athletes since 2014
- TCO High School Medical Mentorship and Scholarship Program
  - Completed 3<sup>rd</sup> year of program with 8 student graduates
- International Medical Volunteers Scholarships
  - Provided matching grants for volunteer medical mission trips
- Community Partner Support
  - CycleHealth
  - Bolder Options
  - United Heroes League



# 2018 BOARD OF DIRECTORS



David Gesensway, MD  
**PRESIDENT**



Troy Simonson  
**TREASURER**



Kurt Anderson, MD



Scott Anseth, MD



Adam Bakker, MD



Jay Johnson, MD



Nicholas Meyer, MD



David Palmer, MD



Peter Sanders, MD





YEAR END | DECEMBER 31, 2018

# STATEMENT OF ACTIVITIES

## CONTRIBUTIONS

### REVENUES

Research & Education Fund	\$106,969
Other Designated Funds	\$25,000
Unrestricted Funds	\$102,516

**Total Contributions    \$234,485**

## DISBURSEMENTS

### EXPENSES

Research & Education	\$179,039
Strategic Partner Support	\$18,500
Designated Funds	\$10,000
Volunteer Service Trips	\$6,300
Youth Mentorship Program	\$6,500
Administrative Costs	\$5,324

**Total Disbursements    \$225,663**

## 2018 TOTALS

Total Expenses	<b>\$225,663</b>
Change in Net Assets	<b>\$8,822</b>
Net Assets, Beginning of Year	<b>\$148,639</b>
Net Assets, End of Year 2018	<b>\$157,461</b>



# SUPPORTING OUR COMMUNITIES

# LOCAL INVOLVEMENT

## CycleHealth: Kid-Powered Wellness



CycleHealth teams with leaders in business and health care 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.



From the beginning, TCO has partnered with us in game-changing ways. From foundation support, to amazing volunteers and safety coverage at events, to hosting special clinics and educational programs . . . TCO is the perfect example of an organization ***making an impact in community well-being*** in more ways than one.

**Betsy Grams** // Executive Director, CycleHealth

## United Heroes League

United Heroes League's mission is to empower military families to stay healthy and active through sports by providing free head-to-toe sports equipment, free skill-development camps, grants to offset sports fees and tickets to pro games so the family can enjoy a night out before or after deployment.



We're so honored to have the support of the Twin Cities Orthopedics Foundation and the involvement of their wonderful volunteers. Together, we've been able to ***positively affect the lives of more military families*** by providing opportunities for them to stay healthy and active through sports, and for that we are truly grateful!

**Shane Hudella** // President & Founder, United Heroes League

## Bolder Options



Bolder Options is a wellness-based, youth mentoring organization that utilizes caring, adult mentors along with our structured program of physical activity, academic improvement, goal setting and empowerment to build self-esteem and healthy habits in youth ages 10-14.



For more than 25 years, Bolder Options has matched caring adults with youth willing to learn from them how to succeed in all of life's races. Twin Cities Orthopedics Foundation has been a key partner in this mission. Over the years, they have invested in our shared vision through generous donations, dozens of volunteer hours, and a spirit of collaboration that brings awareness to the work we do. ***Their commitment to community is genuine*** and we are grateful to have them stand with us.

**Darrell Thompson** // Executive Director, Bolder Options



# SUPPORTING OUR COMMUNITIES

# LOCAL

# INVOLVEMENT

## MEDICAL MENTORSHIP PROGRAM

Creating Paths for Young Students Interested in Medicine



In July 2018, the Twin Cities Orthopedics Foundation completed the second class of the Medical Mentorship Program. One month later, it welcomed its third class of students. The program was created to provide exposure to the medical field and mentorship along their educational and career journeys for high school seniors interested in careers in medicine.

Students are selected through an application process as juniors. Many of these talented students have faced significant challenges, including emigrating from abroad to Minnesota and financial family hardships.

The class meets from August to July to learn from a variety of TCO health care professionals, including physicians, physician assistants, nurses, nurse practitioners, and physical and occupational therapists. They explore in depth different avenues and opportunities that exist in medicine. This class receives a total of 30-50 hours of hands-on learning in some of the various careers in medicine through lectures and clinical rotations in a program led by Adam Bakker, MD.

“There are a lot of different career paths in medicine, and the program introduces a variety of careers that exist in the medical profession,” Dr. Bakker said. “I didn’t have a clue what certain medical jobs were until I entered the field. Students in the Medical Mentorship Program get a firsthand look before they enroll in college, to better guide them along their educational process.”



The program helps to address some of the college requirements of certain medical programs in order to better prepare students when it's time to select their college courses.

The Medical Mentorship Program aims to provide longitudinal mentorship and communication beginning as high school seniors and into college, graduate programs and finally into each student's desired occupation.

Ruth Hailegabriel was a student in the first year of the program. Today, she's a student at the University of Minnesota majoring in health services management.

Dr. Bakker calls and texts occasionally, provides guidance and offers any help that I may need. The Medical Mentorship Program has helped me make health care connections. I have experience and help from someone who knows the environment and ***it has helped guide me in the direction I wanted to go for a career.***

**Ruth Hailegabriel** // Medical Mentorship Program graduate

The TCO Foundation provides financial support for the education of each student who completes the program in the form of a \$1,000 college scholarship.

## ADOPT AN ATHLETIC TRAINING ROOM

### Funds Provide Supplies for Local High School Partners

The Twin Cities Orthopedics Foundation's "Adopt an Athletic Training Room" initiative was created to provide funding for supplies to athletic training rooms at local high schools with a TCO sports medicine partnership.

In 2018, funds were used to purchase a hydrocollator for the athletic training room at Henry Sibley High School.

A hydrocollator is a machine that contains hot water and is used to rapidly heat pads for treating injured or sore muscles.

"The hydrocollator has been used daily by student-athletes," Kari Johnston, ATC, the athletic trainer at Henry Sibley, said. "They love having heat as an option for muscle soreness and as relaxation before games and practices."



## CONCUSSION IMPACT TESTING

### Foundation Contribution Makes Concussion ImPACT Testing Possible for Local High Schools

Twin Cities Orthopedics is proud of the sports medicine support it provides local high school partners. The TCO Foundation is no different when it comes to the financial contribution it has made to ensure concussion ImPACT testing for student-athletes at those schools.

Developed at the University of Pittsburgh in the late 1990s and released broadly in 2002, ImPACT is an FDA-cleared concussion assessment aid and stands for “immediate post-concussion assessment and cognitive testing” and is a collection of neurocognitive assessments administered online in a controlled environment. Baseline and post-injury testing are used to determine if a student-athletes can safely return to play.

Tests include assessment of post-concussion symptoms, verbal and visual memory, visual motor speed, and reaction time. The foundation’s financial support makes it possible to complete the baseline tests.

“It enables us to utilize the ImPACT test as an important tool in our tool box for the proper diagnosis and treatment of concussion,” said TCO Concussion Program Coordinator Chris Ashton, MS, LAT, ATC. “The money from the foundation allows us to offer the tests to student-athletes at various partner schools at no cost and make sure we’re providing the best possible treatment for the injury and safely returning the student-athlete to play.”

With more than 16 million ImPACT tests administered, this platform is the most widely used neurocognitive test for concussion from youth to professional sports.



# SUPPORTING OUR COMMUNITIES

# GLOBAL INVOLVEMENT

**MELISSA MENDES, PA-C | Mission Trip – Tanzania**

*Mission work is the reason to be in medicine.*

It's an opportunity to share from our abundance and be pushed beyond our limits.



**KRIS ANDERSON, OTR, CHT | Mission Trip – Nicaragua**

These mission trips *have been so meaningful for me as a way to share my knowledge and skills*

in hand therapy. The hospital in Leon does not have any occupational therapists, and the physical therapists and patients have been grateful for the teaching, splinting and treatments. My personal connections have grown and I have made a lifelong connections.



**DEB WEINAND, SURGICAL TECHNICIAN | Mission Trip – Honduras**



I've made nine mission trips to Honduras. It has been a great team to work with.

*There is such a need* for affordable, good health care in Honduras that I can't say no. The improvements to the hospital have been great to see.

**EVA MARTINEZ, PT | Mission Trip – Nicaragua**

Mission work is not only an incredible learning and culturally fulfilling experience, but it creates such a sense of happiness in knowing that you make an impact in someone's life. We bring experts and equipment (surgical tools, braces and exercise equipment) which can make all the difference. These *experiences have changed my life* and helped me create amazing friendships.





# TCO FOUNDATION RESEARCH STUDIES

## TCO – Quality Improvement Projects & IRB Approved Research Studies

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### Scott D. Anseth, MD

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

Anseth SD, O'Neill OR, Bryan SM, Giveans MR. Does Total Knee Arthroplasty Range of Motion have a Greater Improvement with Home Care or a Skilled Nursing Facility?

Anseth SD, Stone McGaver R, Gross AL. Patient Outcome Satisfaction While Using a Titanium Modular Tapered Stem for Total Hip Arthroplasty Revision.

Anseth SD, Lehman-Lane JJ, Teske AS, Stone McGaver R. A Cost Comparison between Patients who have an Elective Total Hip Arthroplasty vs. undergoing THA/Hemiarthroplasty for Trauma.

O'Neill OR, Anseth SD, Lehman-Lane JJ, Teske AS, Giveans MR. The Effect of Time of Consult to Time of Surgery for Total Knee, Hip and Ankle Arthroplasty Patients.

O'Neill OR, Anseth SD, Lehman-Lane JJ, Teske AS, Giveans MR. Timing of Pre-Operative History & Physical Clearance in Total Knee & Hip Patients.

### Meredith Butulis, DPT

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Butulis M, Fedor B, Stone McGaver R, Weed KN. Prospective randomized heart rate variability study: Effective tool to maximize performance and minimize fatigue in dancers.

### J. Chris Coetzee, MD

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Coetzee JC, Nilsson LJ, Stone McGaver R. Retrospective Chart Review of the use of BME ELITE Compression Staples in Tarsometatarsal fusion patients.

Coetzee JC, Nilsson LJ, Stone McGaver R. Early Outcomes on the Use of an Anterior Plate for Ankle Fusion.

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

\*\*Coetzee JC, Denker JA, Stone McGaver R. Management of a Failed Total Ankle Replacement with a Revision Prosthesis. A multi-center study of the indications, surgical techniques and short term outcomes.

Coetzee JC, Stone McGaver R. Treatment Outcomes of Hallux Rigidus.

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

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

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

Coetzee JC, Stone McGaver R. Comparing Ankle Arthrodesis to Ankle Arthroplasty.

Coetzee JC, Stone McGaver R. 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. Treatment Outcomes of Ankle Osteoarthritis.

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

### Thomas K. Comfort, MD

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

Comfort TK, Mehle SC. Prevalence of infection status post total knee arthroplasty with antibiotic bone cement in a community based joint registry.

## Christopher M. Larson, MD

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Larson CM, Giveans MR, Stone McGaver R. Early Outcomes of Anterolateral Ligament Repair in Anterior Cruciate Ligament Reconstructions.

Larson CM, Giveans MR, Stone McGaver R. Characterization of Symptomatic Hip Impingement in Butterfly Ice Hockey Goalies.

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

Larson CM, Giveans MR, Stone McGaver R, Weed KN. Complications after Hip Arthroscopy.

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

Larson CM, Ross JR, Stone McGaver R, 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 McGaver R. Outcomes after Hip Arthroscopy with patient with Ehlers Danlos Syndrome.

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

Larson CM, Giveans MR, Stone McGaver R. Arthroscopic Femoroacetabular Impingement in Skeletally Immature Athletes: Radiographic and Clinical Analysis. Arthroscopy.

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

Larson CM, Ross JR, Giveans MR, Stone McGaver R. The Influence of Previous or Concurrent Psoas Tenotomy and Femoral Version on Hip Surgery Outcomes.

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

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Larson CM, Giveans MR, Stone McGaver R. Arthroscopy for post SCFE (Slipped Capital Femoral Epiphysis) Deformity.

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

## Gregory N. Lervick, MD

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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 McGaver R, Ash JR. Reversed Total Shoulder Arthroplasty Using a Deltopectoral 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 McGaver R. Arthroscopic Distal Clavicle Resection for Treatment of Residual Type II Acromioclavicular (AC) Separations.

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## Brad R. Moser, MD

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

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

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

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

## Frank B. Norberg, MD

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Norberg FB, Nelson RA, Stone McGaver R. Early Outcomes on Patients Undergoing Superior Capsular Reconstruction.

## Owen R. O'Neill, MD

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O'Neill OR, Anseth SD, Lehman-Lane JJ, Teske AS, Giveans MR. The Effect of Time of Consult to Time of Surgery for Total Knee, Hip and Ankle Arthroplasty Patients.

O'Neill OR, Anseth SD, Lehman-Lane JJ, Teske AS, Giveans MR. Timing of Pre-Operative History & Physical Clearance in Total Knee & Hip Patients.

Anseth SD, O'Neill OR, Bryan SM, Giveans MR. Does Total Knee Arthroplasty Range of Motion have a Greater Improvement with Home Care or a Skilled Nursing Facility?

## Rachel Uzlik, CPHQ

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Uzlik RM, Wyard GE, Stone McGaver R, Weed KN, Nouraei CM, Ericksen DM, Moon RA, Giveans MR. Opioid Prescribing Habits and Patient Reported Utilization and Disposal for Outpatient Orthopedic Procedures.

## Corey A. Wulf, MD

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Larson CM, Wulf CA, Bedi A, Stone McGaver R, Giveans MR. Early Outcomes and Demographics of Arthroscopic Repair of Meniscal Root and Complete Radial Meniscal Tears in Competitive Athletes.

## TCO FOUNDATION

RESEARCH  
PUBLICATIONS

## TCO Research Publications

**Scott D. Anseth, MD****PEER REVIEW JOURNAL**

Anseth SD, O'Neill OR, Bryan SM, Stone McGaver R, Giveans MG. Does Total Knee Arthroplasty Range of Motion have a Greater Improvement with Home Care or a Skilled Nursing Facility? *Orthopedics*. Submitted December 2018.

**Bryan D. Den Hartog, MD****PEER REVIEW JOURNAL**

Borenstein T, Gonzalez T, Krevolin J, Den Hartog BD, Thordarson D. Preliminary Experience Using Bioactive Glass Wedges for Cotton Osteotomy. *Foot Ankle Ortho*. 2018; First Published December 11, 2018.

**Patrick B. Ebeling, MD****PEER REVIEW JOURNALS**

O'Connor K, Klein S, Ebeling PB, Flemister AS, Phisitkul P, American Orthopaedic Foot & Ankle Society (AOFAS) Evidence-Based Medicine Committee. Total Ankle Arthroplasty: Summary of Current Status. *Foot & Ankle Orthopaedics*. 2018 Sep 27;3(3):2473011418790003.

Phisitkul P, Glass N, Ebeling PB, Klein SE, Johnson JE. Perspectives in Treatments of End-Stage Ankle Arthritis Among Orthopaedic Surgeons: Analysis of an American Orthopaedic Foot & Ankle Society (AOFAS) Member Survey. *Foot & Ankle Orthopaedics*. 2018 Jul 26;3(3):2473011418779976.

**J. Chris Coetzee, MD****PEER REVIEW JOURNALS**

Norvell DC, Shofer JB, Hansen ST, Davitt J, Anderson JG, Bohay D, Coetzee JC, Maskill J, Brage M, Houghton M, Ledoux WR Sangeorzan BJ. The comparative effectiveness and safety of ankle arthrodesis versus arthroplasty: a prospective multicenter study. *J Bone Joint Surg Am*. Submitted November 2018.

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Myerson CL, Myerson MS, Coetzee JC, Stone McGaver R, Giveans MR. Multi-center, Randomized, Controlled Study Of Subtalar Arthrodesis Using AlloStem Versus Autologous Bone Graft. *J Bone Joint Surg Am*. Submitted October 2018.

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Coetzee JC, Ellington JK, Ronan JA, Stone RM. Functional Results of Open Broström Ankle Ligament Repair Augmented With a Suture Tape. *Foot Ankle Int*. 2018 Mar;39(3):304-310.

Li S, Myerson M, Coetzee JC. Management of a failed total ankle replacement with a revision prosthesis: a multicentre study of the indications, surgical challenges and short-term outcomes of the Salto XT prosthesis. *Bone Joint J Orthopaedic Proceedings*. 2018; 98-B(19). Published Online: 21 Feb 2018.

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**Ryan D. Horazdovsky, MD****PEER REVIEW JOURNAL**

Johnson JD, Nessler JM, Horazdovsky RD, Vang S, Marston SB. Response to the Letter to the Editor on "Serum and Wound Vancomycin Levels Following Intra-wound Administration in Primary Total Joint Arthroplasty". *J Arthroplasty*. 2018 Apr;33(4):1303-1304. Published online 12 Feb 2018.

**Paul M. Lafferty, MD****PEER REVIEW JOURNALS**

Honstad AA, McCreary DL, Xi M, Lafferty PM. Outcomes of surgically-treated ankle fractures with or without surgical fixation of posterior malleolus. *J Ortho Trauma Res* June 2018;1:004.

MacCormick LM, Baynard T, Williams BR, Vang S, Xi M, Lafferty PM. Intra-articular Hematoma Block Compared to Procedural Sedation for Closed Reduction of Ankle Fractures. *Foot Ank Int*. 2018;39(10):1162-1168.

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



Sprague S, Bhandari M, Heetveld MJ, Liew S, Scott T, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M, Schemitsch EH, Lafferty PM; FAITH Investigators. Factors associated with health-related quality of life, hip function, and health utility after operative management of femoral neck fractures. *Bone Joint J*. 2018 Mar 1;100-B(3):361-369.

## Christopher M. Larson, MD

### PEER REVIEW JOURNALS

Larson CM. Editorial Commentary: Subspine Hip Abnormalities: Exploring the difference between “Morphology” and “Impingement.” *Arthroscopy*. 2019 Jan;35(1):97-98.

Nakashima H, Utsunomiya H, Kanezaki S, Suzuki H, Nakamura E, Larson CM, Sakai A, Uchida S. Is arthroscopic hip labral repair / reconstruction surgery effective for treating femoroacetabular impingement in the presence of osteoarthritis? *Clin J Sports Med*. Accepted for publication January 2019.

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Lynch TS, Minkara A, Aoki A, Bedi A, Bharam S, Clohisey J, Harris J, Larson CM, Nepple J, Nho S, Philippon M, Rosneck J, Safran M, Stubbs A, Westermann R, Byrd JTW. Best Practice Guidelines for Hip Arthroscopy in Femoroacetabular Impingement: Results of a Delphi Process. *J AAOS*. 2018 Accepted November.

Larson CM. Perspective on article “Presence of Posterior Medial Tibial Plateau Edema in Ramp Lesions.” *Orthopedics Today*. October 2018.

Nepple JJ, Faucett S, Larson CM. An RCT of FAI Surgery vs. Physical Therapy – What Does It Really Teach Us? *AAOS Now Letter*. October 2018.

Schmitz MR, Clohisey JC, Garrido P, Schoenecker P, Nepple JJ, Millis M, Matheney T, Y-Meng Y, Ellis H, Sucato, Padeszwa D, Beale P, Zaltz I, Larson CM, Ross J, Sink EL, Peters C, Wudbhav S, Stover M, Murtha A. Developmental Dysplasia of the Hip in Adolescents and Young Adults. *JAAOS*. Submitted August 2018.

Faucett SC, Nepple JJ, Andrade T, Aoki S, Bedi A, Bharam S, Brick MJ, Byrd JWT, Cakic JN, Cascio BM, Christoforetti J, Clohisey JC, Domb B, Dumont G, Ellman MB, Harris JD, Kelly BT, Krych AJ, LaPrade RF, Larson C, Laskowski JR, Levy BA, et al. Randomized Controlled Trial of Hip Arthroscopy Surgery vs Physical Therapy: Letter to the Editor. *Am J Sports Med*. 2018 Jul;46(8):NP35-NP38.

Aoki S, Bedi A, Byrd JWT, Larson CM, et al. Randomized Control Trial of Hip Arthroscopy vs Physical Therapy: Letter to the Editor. *Am J Sports Med*. 2018;46(8):NP35-NP39.

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Larson CM, Zaltz I. Extra-articular Hip Impingement: Anterior Inferior Iliac Spine/Subspine Impingement, Ischiofemoral, and Anterior and Lateral Greater Trochanteric-Pelvic Impingement. *J Hip Surg Special Section Article*. 2018; 02(03): 126-134.

Bhatia S, Ellman MB, Nho S, Mather RC, Bedi A, Aoki SK, Larson CM, Kelly BT, Griffin DR, O'Donnell J, Med Dan O. Letter to the Editor: Bilateral Hip Arthroscopy: Direct Comparison of Primary Acetabular Labral Repair and Primary Acetabular Labral Reconstruction. *Arthroscopy*. 2018 June;34(6):1748-1751.

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Mather RC 3rd, Nho SJ, Federer A, Demiralp B, Nguyen J, Saavoss AD, Salata MJ, Philippon MJ, Bedi A, Larson CM, Byrd JWT, Koenig L. Effects of Arthroscopy for Femoroacetabular Impingement Syndrome on Quality of Life and Economic Outcomes. *Am J Sports Med*. 2018 Apr;46(5):1205-1213.

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### BOOK CHAPTERS

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