

2020

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

Dear supporters and friends,

As we end this most unfortunate year and look forward to a fully vaccinated, peaceful and more inclusive 2021, I think you will be pleased with the work of the Twin Cities Orthopedics Foundation. This 2020 Annual Report beautifully depicts that important work, most of which focused on our local community this year due to closed borders and limited travel imposed by the coronavirus.

The mission of the TCO Foundation is to advance musculoskeletal health through community service, orthopedic research, education and training. Our entire Board and staff are volunteers, allowing the Foundation to directly support more of its goals, with minimal overhead expense. Special thanks goes to our volunteer Board members for their efforts.

The Foundation supported significant, uplifting work in 2020, both locally and abroad:

- Grants supporting the efforts of the Diversity, Equity & Inclusion (DEI) Action Group of i-Health/Revo Health, and programs they support:
 - The Ladder Program, a North Minneapolis youth mentorship program
 - Hallie Q. Brown Community Center
- ImPACT concussion testing grants for youth sports
- College scholarships for the six graduates of the 2019 medical mentorship program
- Grants to our outstanding local community organizations:
 - CycleHealth
 - United Heroes League
 - Bolder Options
 - University of MN Orthopedic Resident Book and Education Fund
- Support of our overseas volunteerism:
 - SIGN Fracture Care femur fracture implants
 - The Cleat Program, Botswana
 - The Plaster House, Tanzania
- Support of the excellent orthopedic research efforts of the TCO physicians

We really are making a difference in the community. Please donate and help us do even more, together, in 2021. We encourage you to visit our website at **TCOFoundation.org** for more information, pictures, a user-friendly DONATE button if you wish to contribute online, as well as the Grant Request application.

Peace, and best wishes for a healthy 2021,

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

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

2020 Accomplishments

- Ongoing research and education focused on remaining on the forefront of medical innovation and technology
- TCO Vikings 5K Contribution
 - Joined forces with the Minnesota Vikings to apply a \$50,000 participant-led contribution to the three (3) TCO Foundation Partners, including Bolder Options, CycleHealth and United Heroes League
- ImPACT Concussion Testing Funding
 - Funding support for more than 17,000 tests across metro area student-athletes since 2014
- Diversity, Equity and Inclusion Action Group Support
 - TCOF provided financial support to both the Hallie Q. Brown Community Center and The Ladder Program
- Continued support of our established partnerships with:
 - CycleHealth
 - United Heroes League
 - Bolder Options
- Grants to:
 - The Plaster House, Tanzania
 - The Cleat Program, Botswana
 - SIGN Fracture Care International
 - University of Minnesota Orthopedic Resident Book and Education Fund
 - International Medical Volunteers

2020 BOARD OF DIRECTORS



David Gesensway, MD
PRESIDENT



Troy Simonson
TREASURER



Kurt Anderson, MD



Scott Anseth, MD



Adam Bakker, MD



Nicholas Meyer, MD



David Palmer, MD



Peter Sanders, MD



YEAR END | DECEMBER 31, 2020

STATEMENT OF ACTIVITIES

CONTRIBUTIONS	
REVENUES	
Research & Education Fund	\$346,751
Unrestricted Funds	\$54,249
Total Contributions	\$401,000

DISBURSEMENTS	
EXPENSES	
Research & Education	\$281,719
Strategic Partner Support	\$68,500
Volunteer Service Trips	\$900
Youth Mentorship Program	\$6,000
Administrative Costs	\$17,442
Total Disbursements	\$374,561

2020 TOTALS	
Total Expenses	\$374,561
Change in Net Assets	\$26,439
Net Assets, Beginning of Year 2020	\$205,456
Net Assets, End of Year 2020	\$231,895

SUPPORTING OUR COMMUNITIES

LOCAL INVOLVEMENT

CycleHealth

In 2020, CycleHealth was able to modify all four of our adventure races to safely host them during the COVID-19 pandemic. Altogether, in the last year, a record 4,400 participated in four events for kids and families. Additionally, we launched a successful pilot of a new adventure program called Unlock It! that was rolled out in four sites across the metro area, with plans to expand the program to several new sites during 2021. Learn more at CycleHealth.org



The happiest sight on race eve at the Resilinator was looking up and seeing the large and enthusiastic team of TCO employees arrive ready for duty. Two hours later, most of our race village had been built and we were ready to host a record 1,200+ kid and family racers. **The joy and commitment of your team is yet another way TCO lives out their core values.** Thank you TCO.

Tony Schiller // Chief Motivator, CycleHealth



United Heroes League

United Heroes League's mission is to help military families build confidence, friendships, and engagement 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. Learn more at UnitedHeroesLeague.org.



The Twin Cities Orthopedics Foundation has emerged as **one of our key partners** in providing sports opportunities to military kids through our mission. Getting these heroic youngsters out on the playing field is such a critical way for them to relieve stress and cope with the challenges of having a parent deployed or injured. We are so grateful to have the TCO Foundation serving alongside United Heroes League, the same way that military kids serve right alongside their parents.

Shane Hudella // President & Founder, United Heroes League



Bolder Options

Bolder Options provides transformational individual mentoring and development for at-risk youth ages of 10-14. They harness the power of building meaningful relationships, along with a structured program of physical activity, academic improvement, goal setting and empowerment, to help young people build self-esteem and healthy habits. Learn more at BolderOptions.org.



For nearly 30 years, Bolder Options has matched caring adults with youth willing to learn from them how to succeed in all of life's races. The 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 the community is genuine and we are grateful to have them stand with us.**

Darrell Thompson // Executive Director, Bolder Options

SUPPORTING OUR COMMUNITIES

LOCAL INVOLVEMENT

VIRTUAL VIKINGS 5K

TCO Foundation Partners Receive a Combined \$50,000

While 2020 was a challenging year for all, the effects of the pandemic hit TCO Foundation partners Bolder Options, CycleHealth, and United Heroes League especially hard.

In-person events were cancelled or rescheduled. Donations slowed. Uncertainty set in.

“Our community was hurting,” Katie Bernhjelm, Director of Partnership Activation with the Minnesota Vikings said. “As we brainstormed ways to reimagine the TCO Vikings 5K, we kept coming back to one thing: How can we lift our community up during this difficult time? We knew the TCO Foundation partners are amazing organizations who work to promote healthy lifestyles, especially for youth, and we wanted to make sure their incredible work could continue.”

The event shifted to a virtual format, enabling over 3,000 runners from across the world to participate. \$50,000 in proceeds was then donated amongst the three TCO Foundation partners.

“This gift was the lifeline we needed to survive and finish the year with wind in our sails,” Tony Schiller, Chief Motivator for CycleHealth said. “More than ever, people needed opportunities to be active and purposeful in the outdoors, and this donation helped us make that happen.”

“It was like thinking you opened up all your birthday presents and then realizing there’s one more,” Lucy

Bossert, Outreach Director at Bolder Options said. “Getting a check this size towards the end of our fiscal year gave us a little room to breathe, and we could worry less about our finances and focus more on addressing how the ever-changing landscape of COVID-19 was impacting the youth in our community.”

“It was critical,” Shane Hudella, President & Founder of United Heroes League said. “We saw a drop in donations of over 40% for the year. This gift allowed our mission to continue, and allowed us to be there for military kids when they needed us most.”

It’s not how you start the race, but how you finish. And in the end, despite the obstacles, it was a “win” for our community.



ImPACT CONCUSSION TESTING

Testing Made Possible for Athletes Like Abby

A ‘simple’ concussion rocked Abby’s entire world. A volleyball star at Eagan, Abby struggled for five months simply making it through a full day of school. Her friends and teammates didn’t understand, so her relationships suffered. She couldn’t sleep, yet was exhausted by everything. Her headaches and confusion made it difficult to function. Volleyball, of course, came to a slamming halt. This concussion was evil. It was isolating. It was long. It was consuming. There were days Abby wasn’t sure if she would recover, and it was clear she needed help. Fast.

Abby’s parents found that amazing help and expertise from Chris Ashton, MS, LAT, ATC, the Concussion Program Coordinator at TCO. He, along with Dr. David Olson and physical therapists Michael Steiner, PT, DPT, and Jake Wendt, PT, DPT, OCS, worked together to put a recovery program together to help Abby heal. Chris started by carefully assessing Abby to determine the type of concussion she had, taught her about the complexities of concussions, and put together a comprehensive program to help Abby move forward. Chris then coordinated vestibular and ocular therapy with Mike and Jake at TCO’s physical therapy centers in both Eagan and Woodbury. This was not your average-joe physical therapy. They put together a program to help Abby’s eyes work together again to improve her balance, headaches, and fatigue.

Fast forward five months. Abby was cleared to play volleyball again. School has improved, she’s sleeping well, and she’s able to spend time with friends.

“Abby got her life back because of TCO,” Abby’s mother said. “Thank you for standing with us, especially on the bad days. Thank you for sharing your amazing expertise. You all are amazing, and Abby can now pursue her dream of playing D1 volleyball.”

Stories like Abby’s are why Twin Cities Orthopedics is so proud to be a sports medicine leader in the community. The TCO Foundation helps support this role by making it possible to ensure student-athletes and youth athletes alike have access to ImPACT concussion testing through generous financial support. This ensures athletes who sustain a concussion injury are able to receive the best possible care.

Over the years, the TCO Foundation’s contribution has made over 17,500 ImPACT baseline & post-injury concussion tests possible for local high schools and youth sports organizations.



HALLIE Q. BROWN COMMUNITY CENTER

Inspired By Generations of Community Support

In 2020, the TCO Foundation donated \$7,500 to the Hallie Q. Brown Community Center, located in the Rondo neighborhood of St. Paul, to support youth programming and other community-based services.

The gift was inspired by TCO’s Kalyn Bazley, a Patient Service Representative, who also serves on the organization’s Diversity, Equity & Inclusion (DEI) Action Group. Kalyn introduced TCO and the Action Group to Hallie Q. Brown, thanks to her personal connection that dates back generations.

“My grandfather was one of the first Black realtors in Minnesota,” said Kalyn. “He received his college degree from the University of Minnesota. But at that time, the U of M didn’t allow students of color to live in on-campus housing, so he didn’t know where to live. Hallie Q. Brown actually helped him with off-campus housing so he could pursue his career.”

Decades later, Kalyn herself became introduced to Hallie Q. Brown, attending the early learning center as a young child. Then, as an adult, Kalyn once again turned to the community center for guidance while

she took her family away from domestic abuse.

“Hallie Q. Brown has always been proactive in offering help and support,” Kalyn said. “They’ve been the greatest resource for myself and my kids. If they can’t help, they can put you in touch with someone who can. For many of us, it’s hard to ask for help, but no matter who you are or what your situation is, they never allow you to feel belittled.”

During the Twin Cities uprisings in June of 2020, Kalyn found herself wanting to give back. So, she put her energy toward supporting her local community, and the organization that had given so much to her. Normally, Hallie Q. Brown’s food shelf can support 750 families, but at this moment resources were scarce. Kalyn launched a donation drive, tapping into her colleagues at TCO among others, and the response was incredible. They collected enough donations to feed 1,500 families during an extremely critical time.

The momentum of the food drive led Kalyn to join the newly-formed DEI Action Group, and continue her work alongside other passionate leaders.

“I was inspired to join the Action Group because if we’re really trying to diminish the disparity gap, then we need to include communities that share our name – the ‘Twin Cities,’” Kalyn said. “I’ve seen first-hand that the quickest way you can find out what a community needs is by touching base with community centers like Hallie Q. Brown, and being a support to them. They help people in more ways than you can imagine.”

Kalyn’s advice to anyone looking to support their community is simple.

“Find out what the current need is by asking,” Kalyn said. “Always be proactive, and recognize that it’s humbling to ask for help, and most people won’t do it on their own. Initiate the conversation. ‘How can I be of service?’ As a healthcare provider, we especially need to be mindful of that.”



SUPPORTING OUR COMMUNITIES

GLOBAL INVOLVEMENT

In a typical year, the TCO Foundation helps medical volunteers provide support for individuals and communities across the globe. Of course, 2020 was anything but typical. In lieu of travel restrictions and safety concerns, we were forced to pause medical mission trips and other initiatives that bring much-needed care to underserved populations.

As such, we shifted the majority of our focus this past year toward helping back home. Our local communities needed us more than ever, and we’re grateful we could provide additional support. Still, we are driven to pick up where we left off and get back to impacting lives abroad, as soon as the coast is clear.



Above photos taken before 2020

TCO FOUNDATION

RESEARCH

STUDIES

TCO – Quality Improvement Projects & IRB Approved Research Studies

Scott D. Anseth, MD

A Body Mass Index and Total Spend Comparison between Patients who had an Elective Total Hip Arthroplasty

Rate of Hospital Admissions, Emergency Room Visits and Complications in Outpatient Total Hip Patients using an Ambulatory Surgical Center and Care Suite Model.

Opioid Prescribing and Consumption for Total Hip Arthroplasty Procedures

Opioid Prescribing and Consumption for Total Knee Arthroplasty Procedures

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 N. Butulis, DPT

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

**Engasser W, Coetzee JC, Ebeling PB, Den Hartog BD, Seybold JD, Holthusen SM, Stone McGaver R. Seiffert KJ, Giveans MR. Patient Reported Outcomes after Undergoing Implantation of a Synthetic Cartilage Device for the Treatment of Hallux Rigidus

Coetzee JC, Den Hartog BD, Stone McGaver R. Seiffert KJ, Giveans MR. Fusion Rates and Outcomes on the Use of a Femoral Head Allograft in Ankle Fusions

Coetzee JC, Stone McGaver R. Retrospective Analysis of Tibial Nerve Depth and Location

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. 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

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.

Bryan D. Den Hartog, MD

Coetzee JC, Den Hartog BD, Stone McGaver R. Seiffert KJ, Giveans MR. Fusion Rates and Outcomes on the Use of a Femoral Head Allograft in Ankle Fusions

**Engasser W, Coetzee JC, Ebeling PB, Den Hartog BD, Seybold JD, Holthusen SM, Stone McGaver R. Seiffert KJ, Giveans MR. Patient Reported Outcomes after Undergoing Implantation of a Synthetic Cartilage Device for the Treatment of Hallux Rigidus

Patrick B. Ebeling, MD

**Engasser W, Coetzee JC, Ebeling PB, Den Hartog BD, Seybold JD, Holthusen SM, Stone McGaver R. Seiffert KJ, Giveans MR. Patient Reported Outcomes after Undergoing Implantation of a Synthetic Cartilage Device for the Treatment of Hallux Rigidus

David E. Hartigan, MD

CREST: A Randomized Controlled Trial Comparing Inter-portal Hip Capsular Repair vs. No Repair Following Hip Arthroscopy

Ryan W. Hess, MD

Outcomes and Operative Techniques after Anterior Cruciate Ligament Surgery

Robert F. LaPrade, MD

Sport Performance and Outcomes following Complex Knee Surgery

Comparing the Effectiveness of Plain Radiographs Compared to Long Leg Alignment Radiographs

Non-Weight Bearing Versus Partial Controlled Weight-bearing During the First Six Weeks of Rehabilitation after Knee Ligament Reconstruction: A Randomized Controlled Trial

Full Weight-bearing Versus Partial Controlled Weight-bearing During the First Six Weeks of Rehabilitation after Reconstruction of the Fibular Collateral Ligament: A Randomized Controlled Trial

The Effects of Knee Surgery on Patient Sleep

Meniscal Root Tears: Evaluating meniscal extrusion after root repair with and without transtibial peripheral stabilization sutures using Ultrahigh magnetic fields: A Randomized Controlled Trial

Christopher M. Larson, MD

DoD- Identification of Predictors for Clinical Outcomes in Femoroacetabular Impingement Surgery

Joint Preservation (JP) Repository 2 - A Multi-Center Cohort Investigating Surgical Outcomes and Predictors of Treatment for Hip Disease

Larson CM, Giveans MR, Stone McGaver R. Hip Arthroscopy Outcomes in NFL and Collegiate American Football Players: Single Surgeon Experience with Return to Play, Sustained Return to Play, and Attrition Analysis

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

Larson CM, Giveans MR, Stone McGaver R, Bedi A. Arthroscopic Hip Revision Surgery for Residual FAI: Surgical Outcomes

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

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

Magnetic Resonance Imaging After Arthroscopic Microfracture of Capitellar Osteochondritis Dissecans

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. 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

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

Lervick GN. A Novel Assessment Method for Classifying Acromioclavicular Separations

Clare K. McCarthy, MD

A Retrospective Data Collection of Small Bone Reconstruction Limited to Inter-Digital Fusion of Fingers and Toes and Small Bones Fusion with X Fuse® Superelastic Implant

Brad R. Moser, MD

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

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

Owen R. O’Neill, MD

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?

Gary R. Sager, MD

Multi-Center Study of the Safety and Performance of Primary Total Knee Arthroplasty with LEGION™ Porous HA Tibial Baseplates (with and without holes) and/or the LEGION™ Porous HA CR Femoral Component in US Centers

Jeffrey D. Seybold, MD

**Engasser W, Coetzee JC, Ebeling PB, Den Hartog BD, Seybold JD, Holthusen SM, Stone McGaver R. Seiffert KJ, Giveans MR. Patient Reported Outcomes after Undergoing Implantation of a Synthetic Cartilage Device for the Treatment of Hallux Rigidus

Training HAUS

Sport Performance Testing to Evaluate Biomechanical and Strength Asymmetries within 2 years following ACL Surgery

Rachel Uzlik, CPHQ

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

Troy A. Vargas, DPM

Simultaneous Bilateral Leg Fasciotomy for Chronic Exertional Compartment Syndrome: A Retrospective Case Series with Diagnostic and Treatment Protocol

Impact of Tarsometatarsal Arthrodesis (Midfoot Fusion) on Plantar Forefoot Pressures

Corey A. Wulf, MD

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



United Heroes League, TCO Foundation Partner

TCO FOUNDATION RESEARCH PUBLICATIONS

TCO Research Publications

Scott D. Anseth, MD

PEER REVIEW JOURNAL

Nouraee CM, Stone McGaver R, Schaefer JJ, O'Neill OR, Anseth SD, Lehman-Lane J, Uzlik RM, Giveans MR. Opioid Prescribing Practices Between Total Knee and Hip Arthroplasty in an Outpatient Versus Inpatient Setting. *J Health Quality*. Submitted January 2021.

Meredith N. Butulis, DPT

PEER REVIEW JOURNAL

Butulis MJ, Fedor BJ, Stone McGaver R, Giveans MR. Is Matching Exercise Intensity to Heart Rate Variability a Key to Effective Conditioning for Dancers? A Prospective Randomized Controlled Trial. *J Dance Med Sci*. Accepted September 2020.

J. Chris Coetzee, MD

PEER REVIEW JOURNALS

Coetzee JC, Den Hartog BD, Stone McGaver R, Seiffert KJ, Giveans MR. Femoral Head Allografts for Talar Body Defects. *Foot Ankle Int*. Accepted November 2020.

Kulwin R, Watson T, Coetzee JC, Vora A. Results of a Multicenter Prospective Randomized Trial: Traditional Modified Broström versus Suture Tape Ligament Augmentation. *Foot Ankle Int*. Submitted October 2020.

Sangeorzan BJ, Ledoux WR, Shofer JB, Davitt J, Anderson JG, Bohay D, Coetzee JC, Maskill J, Brage M, Norvell DC. Comparing 4-year changes in patient reported outcomes following ankle arthroplasty and arthrodesis. *J Bone Joint Surg Am*. Submitted October 2020.

Coetzee JC, Raduan FC, Stone McGaver R. Converting Ankle Arthrodesis to a Total Ankle Arthroplasty. *Orthopedic Clinics of North America*. Accepted 2020.

**Engasser WM, Coetzee JC, Ebeling PE, Den Hartog BD, Seybold JD, Holthusen SM, Stone McGaver R, Seiffert KJ, Giveans MR. Patient Reported Outcomes and Early Complications after Undergoing Implantation of a Synthetic Cartilage Device for the Treatment of Hallux Rigidus. *Foot Ankle Ortho*. 2020;5(3):1-5. DOI: 10.1177/2473011420930691.

Walsh KP, Durante EC, Moser BR, Coetzee JC, Stone McGaver R. Surgical Outcomes of Os Trigonum Syndrome in Dancers: A Case Series. *Orthop J Sports Med*. 2020 Jul 22;8(7):2325967120938767. doi: 10.1177/2325967120938767. PMID: 32743013.

Dean RS, Coetzee JC, Stone McGaver R, Fritz JE, Nilsson LJ. Functional Outcome of Sesamoid Excision in Athletes. *Am J Sports Med*. 2020;48(14):3603-3609. DOI: 10.1177/0363546520962518. PMID: 33095661.

**Dock CC, Freeman KL, Coetzee JC, Stone McGaver R, Giveans MR. Outcomes of Nitinol Compression Staples in Tarsometatarsal Fusion. *Foot Ankle Ortho*. 2020;5(3):1-6. DOI: 10.1177/2473011420944904.

Pfeffer GB, Gonzalez T, Brodsky J, Campbell J, Coetzee C, Conti S, Guyton G, Herrmann DN, Hunt K, Johnson J, McGarvey W, Pinzur M, Raikin S, Sangeorzan B, Younger A, Michalski M, An T, Noori N. A Consensus Statement on the Surgical Treatment of Charcot-Marie-Tooth Disease. *Foot Ankle Int*. 2020 Jul;41(7):870-880. doi: 10.1177/1071100720922220. PMID: 32478578.

Coetzee JC, Stone McGaver R, Seiffert KJ, Giveans MR. Management of Ankle Arthritis After Severe Ankle Trauma. Current Trends & Techniques in Foot & Ankle Trauma: A Tribute to Sigvard T. Hansen Jr MD. *J Ortho Trauma*. 2020 Feb;34 Suppl 1:S26-S31. doi: 10.1097/BOT.0000000000001697. PMID: 31939777.

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Jeffrey Dick, MD	Allan Hunt, MD	Andrea Saterbak, MD	
Christian DuBois, MD	Neil Johnson, MD	John Sherman, MD	
David Gerlach, MD	Edward Kelly, MD	Edward Szalapski, MD	

\$1,001 - \$5,000

Bethel University	Bryan Den Hartog, MD	Brad Moser, MD	Troy Vargas, DPM
Chris & Mary Boosalis	Robert LaPrade, MD	Jeffrey Seybold, MD	
J. Chris Coetzee, MD	Nicholas Meyer, MD	Anne & Michael Smith, MD	

\$5,001+

American Orthopaedic Foot & Ankle Society	Department of Veteran Affairs	Clare McCarthy, MD	St. Catherine University
Scott Anseth, MD	Fairview	Frank Norberg, MD	Styker
Augsburg College	Christopher Larson, MD	Omega Medical Grants Association	University of Minnesota
Adam Bakker, MD	Gregory Lervick, MD	Smith+Nephew	Corey Wulf, MD

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