

# Cooper Bone and Joint Institute

## Research Newsletter



2022 Oct;2(1)

### Upcoming Conference Schedule

**Medical Student  
Orthopaedic Society –  
April 10, 2023**

Deadline to submit:  
November 30, 2022

**International  
Congress on Shoulder  
and Elbow Surgery –  
September 5-8, 2023**

Deadline to submit:  
December 12, 2022

**Southern Orthopaedic  
Association – July 26-  
29, 2023**

Deadline to submit:  
January 8, 2023

**Scoliosis Research  
Society – September  
6-9, 2023**

Deadline to submit:  
February 1, 2023

**NASS – October 18-  
21, 2023**

Deadline to submit:  
February 3, 2023

### Research News

Our Institute recently had an AAOS OVT channel created and would like to thank Dr. David Fuller, Deep Patel, and everyone else who made this possible! Please check out our website at:

<https://www.aaos.org/videos/institutions/>

If you have any ideas for future videos, please reach out to Deep or Pietro to begin coordinating!

### Ongoing Prospective

#### Studies

#### **Toe Pulse Ox study (Freeland)**

–Patient over the age of 18 presenting with a fracture of the ankle

#### **Abscess study (Fuller) –**

Patients 18 or older who underwent a single I&D of an upper extremity cutaneous abscess

#### **Zone V study (Fuller) –**

Patients 18 or older who suffered an isolated Zone V injury

#### **3D Printed Distal Radius Fx**

**Project (Fuller) –** Feasibility study on time of presentation to 3D printed distal radius model

#### **Meloxicam vs Oxycodone**

**(Gutowski) –** Patients 18 or older who will undergo a benign soft tissue resection

#### **LC-1 study (Graf) –**

Any patient over the age of 60 years who suffered an LC-1 Pelvis fracture

#### **Trauma Pain Threshold study**

**(Fedorka) –** Any patient over the age of 18 suffering an acute traumatic injury

#### **Exparel (Fedorka) –**

Patients 18 or older who are scheduled to have a RTC repair with interscalene block

#### **Reverse for Fracture**

**(Fedorka) –** Patients over 60 years old who suffered a PHF and meet surgical indication for a Reverse TSA

#### **Op vs Non-Op Treatment of**

**PHF (Fedorka) –** Patients over 50 years old who suffered a PHF classified as Neer 2, 3, or 4

#### **TSA Pain Threshold study**

**(Fedorka) –** Any patient over the age of 18 having a TSA

#### **Forefoot Exparel study**

**(Gorda) –** Patients 18 or older who are scheduled to have an elective Forefoot procedure



# Academic Accomplishments



## Manuscript(s):

- 🔥 “*Intraosseous Lipoma: An Elusive Cause of Long Bone Pain: A Case Series.*” Chambers MM, Ungerleider JB, **Kim TWB**, **Gutowski CJ**. Journal of Orthopaedic Case Reports.
- 🔥 “*Ancient schwannoma with hemorrhagic degeneration causing chronic intramuscular hematoma: A case report.*” Giarraputo R, Gilbert G, **Zhu GG**, **Gutowski CJ**. Journal of Orthopaedic Case Reports.
- 🔥 “*Two-day staged bilateral reverse shoulder arthroplasty for traumatic proximal humerus fractures: A case report.*” Vineeth Romiyo, **Manan Patel**, **Christopher Rivera-Pintado**, **Catherine J Fedorka**. JSES Reviews, Reports, and Techniques.
- 🔥 “*The Utilization of Osteoarticular Transfer System in the Treatment of Distal Femur Osteoid Osteoma: A Case Report*”. Nikki Doerr, Alec Kellish, **Matthew Kleiner**, **Christina Gutowski**. Techniques In Orthopaedics.
- 🔥 “*Outcomes of Darrach and Sauvé-Kapandji Procedures: A Systematic Review.*”– Sarah Lamont, Monika Debkowska, **Parker Johnsen**, Andrew Froehle, Ilvy H Cotterell, Jonathan Isaacs. Hand (N.Y.)
- 🔥 “*Reliability and accuracy in radiographic measurements of musculoskeletal tumors.*” Kellish, AS, Miskiel, S, Gaughan, J, **Barshay, V**, **Kim, TW**, **Gutowski, CJ**. Journal of Orthopaedic Research.

## Abstract(s):

- 🔥 “*Hardware Removal Due to Infection after Open Reduction and Internal Fixation: Trends and Predictors*”. Kelsey Martin, Emily Kleinbart, **Kudret Usmani**, Alec Kellish, Ali Oliashirazi, **Kenneth Graf**, **Henry Dolch**, **David A Fuller**, **Alisina Shahi**. Musculoskeletal Infection Society (MSIS).

# Academic Accomplishments



## Abstract(s):

🔥 “*Onoderas Prognostic Nutritional Index a Valuable Measure in Predicting Complications after TKA.*” **Shahi A, Kim TW, Brown ML, Shilling JW**, Oliashirazi A. Musculoskeletal Infection Society (MSIS).

🔥 “*Serum D-dimer: An Excellent Screening Test for Periprosthetic Joint Infection*”. Saad Tarabichi, Graham S Goh, Colin M Baker, Emanuele Chisari, **Alisina Shahi**, Javad Parvizi. Musculoskeletal Infection Society (MSIS).

🔥 “*Total Knee Arthroplasty Can Save Lungs*”. **Shahi A, Brown ML, Kim TW, Shilling JW**, Oliashirazi A, **Miller L**. Musculoskeletal Infection Society (MSIS).

🔥 “*Synovial Fluid Absolute Neutrophil Count a Promising Marker for Diagnosing Periprosthetic Joint Infection.*” **Shahi A, Brown ML, Kim TW, Shilling JW**, Oliashirazi A. Musculoskeletal Infection Society (MSIS).

🔥 “*Effectiveness of Intra-Articular TXA: A Randomize Prospective Study.*” **Shahi A; Brown ML; Kim TW**; Oliashirazi A; Tarabichi S. Clinical Orthopaedic Society (COS).

🔥 “*Total Joint Arthroplasty Can Save Lungs.*” **Shahi A, Gentile P, Brown ML, Kim TW, Shilling JW**, Oliashirazi A. Clinical Orthopaedic Society (COS)


🔥 “*Risk factors for arthrofibrosis after primary and revision total knee arthroplasty: a multicenter study.*” **Shahi A; Brown ML; Kim TW**; Oliashirazi A. Clinical Orthopaedic Society (COS).

🔥 “*Effectiveness of Intra-Articular TXA: A Randomize Prospective Study.*” **Shahi A; Brown ML; Kim TW**; Oliashirazi A; Tarabichi S. Clinical Orthopaedic Society (COS).

# Awarded Grants



## Orthopaedic Surgery

-  Stryker Grant : Prospective Data Collection of the Treatment for Total Replacement of the Radial Head with the Evolve Proline Implant

## CBJI News and Important Information

The CBJI Research Division would like to thank Oscar Shen, Sydney Horenstein, and Justin Seo for their assistance as Research Fellows this summer!

We would also like to welcome three new Research Fellows for the 2022-23 academic year; Devyn Russo, Jimmy Gaston, and Puvin Dhurairaj!

