



# Central Florida Orthopedics Conference

2024 Program



## Keynote Speech

A View From the Sidelines

Team Physician for NBA, MLB, and MLS: Perspectives on  
Leadership, Mentorship, and Service

*Dr. Luke Oh*

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## Panels

Intro to orthopaedic surgery, required training, overview  
of orthopaedic subspecialties

*Drs. Yakkanti, Hirsch, Richard, Ruder, Oshikoya*

Intro to different practice models (Private, Academic,  
Privademics, etc), how practice type effects lifestyle,  
career trajectory, patient population, pathology treated,  
etc.

*Drs. Osbahr, Oh, Huffman, Durfee*

"How to distinguish yourself and acheive maximal growth  
throughout medical school, residency, and beyond"

*Drs. Osbahr, Kachoei, Pepper, Yakkanti*

Resident Panel

*Drs. Paladino, Williams, Yeramosu, Olowofela*



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## Awards

### Best Podium Presentation

Healing Outcomes of Lesser Tubercle Osteotomy in Stemless Anatomic Total Shoulder Arthroplasty: A Retrospective Study with a 7 Month Mean Follow-Up

*Jamal Zahir BSc, Kassem Ghayyad MD, G. Russell Huffman MD, MPH, FAAOS*

### Best Poster Presentation

Oxycodone vs Tramadol in Total Hip Arthroplasty: A Comparative Analysis of Refill Patterns

*Neel Sandella BS, Kassem Ghayyad MD, Obinna O. Adigweme MD, Andrew J. Clair MD, Jeffrey Petrie MD, Ram Yakkanti MD*



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## Podium Presentations

Radiographic Evaluation of Displacement Progression in Non-Operatively Treated Distal Radial Fracture: A Retrospective Cohort Analysis

*Abdullah Taha, MD, Kassem Ghayyad, MD, Pooya Tehrany MD, PhD, Amir Kachooei, MD, PhD*

Effect of Secondary Alcohol Cleaning on Osseointegration of Non-Thermal Plasma Treated Endosteal Implant Surfaces: An In Vivo Study in Sheep

*Adriana I. Sandino, Joao Arthur Kawase De Queiroz Goncalves, Baylee Brochu, Pawan Pathagamage, Savannah R. Sturm, Maria Castellon, Ricky Almada, Sana I. Oroumieh, Vasudev Vivekanand Naya, Lukasz Witek, Paulo G. Coelho*

Healing Outcomes of Lesser Tubercle Osteotomy in Stemless Anatomic Total Shoulder Arthroplasty: A Retrospective Study with a 7 Month Mean Follow-Up

*Jamal Zahir BSc, Kassem Ghayyad MD, G. Russell Huffman MD, MPH, FAAOS*

Preoperative Predictors of Soft Tissue Releases Required for Femoral Exposure in Direct Anterior Total Hip Arthroplasty

*Michael S. Barnum, MD, Bryan Grommersch, MD, Samuel Hovland, BS, George Haidukewych, MD, Cody Green, MD*

Correlation of Intraoperative Drop Test to Postoperative Range of Motion in Total Knee Arthroplasty: A Prospective Cohort

*Andrew R. Moya MD, Kassem Ghayyad MD, Ramakanth Yakkanti MD, Obinna Adigweme MD, Andrew Pepper MD, Jeffrey Petrie MD, Andrew Clair MD*

## Poster Presentations

Analysis of Social Media Engagement in the #OrthoTwitter Match	Desiree E. Ojo <sup>1</sup> , Brandon D. Rust <sup>2</sup> , Ambika Singh, BA <sup>2</sup> ; <b>Matthew McKinley, MBA<sup>2</sup></b>
Arthroscopic Bankart versus Open Latarjet; Short-to-Mid-Term Outcomes of Recurrence and Patient-Reported Outcomes in Patients with Recurrent Anterior Shoulder Dislocation	Kassem Ghayyad, MD, Peyman Mirghaderi, MD MPH, Meysam Akbarzadeh, MD, Maryam Salami, MD, Mohammad H. Ebrahimzadeh, MD, <b>Pascal Escobar, BS</b> , Amir Kachooei, MD PhD
Assessment of Osteoporosis Knowledge and FRAX Score Calculation: A Student-Led Community Initiative Project	Jonathan Brutti BS, <b>Gabriele Donzella BS</b> , Devon Foster BS, Katrina Pardo BS, Claire Callan BA, Klaudia Greer BS, Caden Moenning BS, Amalia Landa Galindez MD
Avascular Necrosis and Subchondral Collapse of the Femoral Head After Intra-Articular Corticosteroid Injection: A Case Report	<b>Shelby Cowan</b> , Kassem Ghayyad, Patrick King
Barriers in Access to Orthopedic Foot and Ankle Surgeons in Spanish-Speaking Patients in Texas	<b>Andrea Paola Guzman BS</b> , Aaron Davidson BS, Jose G. Lima BS, Mikahla E. Gay BA, Emily Furar BS, Andres Lopez MD
Clinical Outcomes and Complications Associated with Spinal Decompression Surgery in Nonagenarians: A Retrospective Cohort Study	<b>Ilabeel Mohammad</b> , Pooya Tehrani, MD, PhD, Kassem Ghayyad, MD
Clinical Outcomes and Complications of Open Trigger Finger Release in Patients Over 90 Years Old: A Retrospective Analysis	<b>Muhammad Abdullah</b> , Andrew Adeyiga, Kassem Ghayyad, Vraj Amin, Amir Kachooei
Clinical Outcomes of Cementless Total Elbow Arthroplasty: A Retrospective Case Series at a Mean Follow-Up of Seven Months	<b>Jamal Zahir BSc</b> , Kassem Ghayyad MD, G. Russell Huffman, MD, MPH, FAAOS
Comparing Tests for De Quervain Tendinopathy: Evaluation of Pain Score Changes	<b>David Sylvester, BS</b> ; Kassem Ghayyad, MD; Jonathan Xavier, MS; Abdo Bachoura, MD; David Hirsch, MD; Amir Kachooei, MD, PhD
Correlation of Intraoperative Drop Test to Postoperative Range of Motion in Total Knee Arthroplasty: A Prospective Cohort	<b>Andrew R. Moya MD</b> , Kassem Ghayyad MD, Ramakanth Yakkanti MD, Obinna Adigweme MD, Andrew Pepper MD, Jeffrey Petrie MD, Andrew Clair MD
Demographic Differences in the Surgical Management of Tibial Shaft Fractures	<b>Abdullah Taha MD</b> , Kassem Ghayyad MD, Tyler F. Beaudoin BS, Mustafa Hashimi MD, Avery Allen BS, Michael Hawks MD, Atif Ahmed MD, Benjamin D. Sookhoo
Early Clinical and Radiographic Outcomes of a Third Generation Metal Backed Glenoid: A Case Series	Kassem Ghayyad MD, <b>Muhammad Abdullah BS</b> , Nathan Sarli BS, Olamide Oshikoya MD PharmD, Adam Money MD, G. Russell Huffman MD MPH FAAOS
Effect of Secondary Alcohol Cleaning on Osseointegration of Non-Thermal Plasma Treated Endosteal Implant Surfaces: An In Vivo Study in Sheep	Adriana I. Sandino, Joao Arthur Kawase De Queiroz Goncalves, Baylee Brochu, <b>Pawan Pathagamage</b> , Savanah R. Sturm, Maria Castellon, Ricky Almada, Sana I. Oroumieh, Vasudev Vivekanand Naya, Lukasz Witek, Paulo G. Coelho
Epidemiology and Treatment Trends in the Management of Dupuytren's Disease From 2016 to 2022	<b>Andrew R. Moya</b> , Kassem Ghayyad, Nathaniel Pineda, Tyler F. Beaudoin, David Hirsch, Meysam Fathi, Ibrahim Zeini, Amir R. Kachooei

## Poster Presentations

Fluoroscopy in Direct Anterior Approach Total Hip Arthroplasty: A Review of Efficacy and Safety	<b>Jason Mirharooni</b> , Charles Lawrie MD
From Scan to Surgery: Precision Bone Tumor Resection with CBCT Guides	Leon Liu, <b>Mullar Zakher</b> , Sandra Khuu, Renee Reich, Jason E. Portnof
Glenoid Impaction Grafting in Suspected Infection: A Case Series	<b>David Sylvester, BS</b> ; Kassem Ghayyad, MD; Jonathan Xavier, MS; G. Russell Huffman, MD, MPH, FAAOS
Healing Outcomes of Lesser Tubercle Osteotomy in Stemless Anatomic Total Shoulder Arthroplasty: A Retrospective Study with a 7 Month Mean Follow-Up	<b>Jamal Zahir BSc</b> , Kassem Ghayyad MD, G. Russell Huffman MD, MPH, FAAOS
Hip Abductor Tendon Repair with Double-Row Suture Anchor Technique and Dermal Allograft Augmentation: A Technical Note and a Case Series	<b>Neel Sandella BS</b> , Kassem Ghayyad MD, Jeffrey Petrie MD
Inpatient PT Utilization and Outcomes Among Veterans Undergoing Total Knee Arthroplasty Post-COVID-19	<b>Mckenzie Brandt</b> , Ramsey Kinney
Management and Follow-Up of a Traumatic Vertebral Artery Pseudoaneurysm: A Case Report on Pipeline Embolization and Recovery	Quintin Norris, Nicolas Siegelman, <b>Christopher J. Walker</b> , Steven Leckie, MD
Neuropathy and Bone Turnover: A Cross Sectional Study in Hip Arthroplasty Patients	<b>Leon Z. Liu</b> , Lauren Claravall, Scott Ball, MD, Francis Gonzalez, MD, Ryan O' Leary, MD, Renata Pereira, PhD, Sameer B. Shah, PhD, Jan M. Hughes-Austin, PhD
Nonunion Fracture- Trends in Epidemiology and Treatment of Femur Fractures 2017-2022	Kassem Ghayyad 1, <b>Pascal Escobar 1</b> , Tyler F. Beaudoin 2, 1, Luke Wandersleben 1, 3, Michael Hawks 1, Atif Ahme 1, Amir R. Kachooei 4, 1, 5
Novel Machine Vision Navigated Direct Pars Repair for Patients with Lytic Spondylolisthesis: Surgical Technique and Case Series	<b>Matthew Aceto</b> , Scott Gronowicz, Michael Barnum, Maahir Haque
Outcomes of Dorsal Wrist Bridge Plating for Distal Radius Fractures: A Retrospective Review	<b>Abdullah Taha, MD</b> , Kassem Ghayyad, MD, Pooya Tehrani MD, PhD, Amir Kachooei, MD, PhD
Oxycodone vs Tramadol in Total Hip Arthroplasty: A Comparative Analysis of Refill Patterns	<b>Neel Sandella BS</b> , Kassem Ghayyad MD, Obinna O. Adigweme MD, Andrew J. Clair MD, Jeffrey Petrie MD, Ram Yakkanti MD
Postoperative Outcomes for Intratrochanteric Femur Fractures Treated with Carbon Fiber Nails	<b>Vraj Amin BS</b> , Muhammad Abdullah BS, Kassem Ghayyad MD, Jonathan Xavier MS, Mustafa Hashimi MD, Ryan Durfee MD
Preoperative Predictors of Soft Tissue Releases Required for Femoral Exposure in Direct Anterior Total Hip Arthroplasty	Michael S. Barnum, MD, Bryan Grommersch, MD, <b>Samuel Hovland, BS</b> , George Haidukewych, MD, Cody Green, MD

## Poster Presentations

Radiographic Evaluation of Displacement Progression in Non-Operatively Treated Distal Radial Fracture: A Retrospective Cohort Analysis	<b>Abdullah Taha, MD</b> , Kassem Ghayyad, MD, Pooya Tehrany MD, PhD, Amir Kachooei, MD, PhD
Return to sport following ACL Repair: A Systematic Review	<b>Antonio Da Costa</b> , Cooper Williams, Het Chavada,, Aghdas Movassaghi,, Vani Sabesan
Return to sport following contemporary cartilage procedures: What are the updates in rates and timing? A systematic review	Andromahi Trivellas, <b>Cooper Williams</b> , Samantha Kaplan, Brian Lau
Role of Dopamine Receptor D4 on the Development of Post-traumatic Osteoarthritis	<b>Michelle Chen</b> , <b>Shiloh Tsang</b> , Niriham Shah, Thomas Kean
Screw vs. Staple Fixation in Four-Corner Fusion: Complications and Outcomes	<b>David Sylvester, BS</b> ; Kassem Ghayyad, MD; Nikita Golovachev, BS; Daniel Fletcher, MD; David Hirsch, MD; Amir Reza Kachooei, MD, PhD
Shoulder Hemiarthroplasty with a Humeral Head Osteochondral Allograft for a Reverse Hill-Sachs Lesion: A Technical Note	<b>Jamal Zahir BSc</b> , Kassem Ghayyad MD, G. Russell Huffman, MD, MPH, FAAOS
Spontaneous Extensor Pollicis Longus Rupture Following Distal Radius Buckle Fracture: A Case Report	<b>Shelby Cowan</b> , Kassem Ghayyad, Allison Williams, David Hirsch
Subpectoral Biceps Tenodesis and Transfer for Rotator Cuff Tears: Clinical and Patient-Reported Outcomes - A Case Series	Kassem Ghayyad MD, Shelby Cowan BS, <b>Pascal Escobar BS</b> , Nikita Golovachev BS, Daniel Goltz MD, G. Russell Huffman MD, MPH FAAOS
Superior Capsular Reconstruction Versus Reverse Total Shoulder Arthroplasty for Massive Rotator Cuff Tears: A Systematic Review and Meta-Analysis	<b>Vraj Amin BS</b> , Kassem Ghayyad MD, Daniel Goltz MD, G. Russell Huffman MD MPH FAAOS
The Association of Fall Risk Scores with 30-Day Return to Hospital Rates in Adults Aged $\geq 75$ Following Hip Fracture	<b>Antonio Da Costa, BS</b> . Gabriella Engstrom, Ph.D. Joseph Ouslander, M.D.
The Critical Need for a Comprehensive Radiographic Review: A Rare Case of Combined Galeazzi Fracture and Lunate Dislocation	<b>Josef M. Maselli</b> , Leon Z. Liu, Ashley N. McGill, Garrett P. Wagner, Mohammadali M. Shoja, and Gary B. Schwartz
The Importance of Proper Emergency Room Hand/Upper Extremity Examination: A Worker's Comp Missed Flexor Tendon and Median Nerve Injury Case Report	Daniel Lynch, M.D; Arya Afzali, M.D; <b>Jason Liu, B.S</b> ; Zakariah Mahmood, M.D
The Sauve-Kapandji Procedure for Isolated Distal Radioulnar Joint Arthritis: A Case Report and Comparative Analysis	Daniel Lynch, M.D; <b>Jason Liu, B.S</b> ; Kyle Mahoney, M.D; Zakariah Mahmood, M.D
Clinical Recommendations for the Perioperative Management of Biologic Medications for Non-Rheumatologic Conditions in Total Joint Arthroplasty: A Narrative Review	<b>Andrew R. Moya MD</b> , Pooya Teherany MD, Kassem Ghayyad MD, Ramakanth Yakkanti MD, Andrew M. Pepper MD

## Poster Presentations

Traumatic Knee Arthrotomy Induced by Wild Boar Tusk in a 15-Year-Old Male: A Case Report	<b>Lindsey Ammann, BS</b> ; Michael Barnum, MD; Stefano Cardin, MD
Trends in Epidemiology and Treatment of Upper Extremity Nonunion Fractures 2017-2022	<b>Lucas Paladino</b> , Kassem Ghayyad, Parisa Ahmadi, Tyler Beaudoin, Yahas Reddy, Amir Kachooei
Trends in Osteopathic Authorship in Orthopaedic Literature and its Impact on Shoulder and Elbow Fellowship Match Rates	Brandon D. Rust, BS1; Christopher L. Rennie, BS1; Ambika Singh, BA1; <b>Matthew McKinley, MBA1</b> ; Graham Girdler, BA1; Jashkumar Chaudhari, BS1; Brendan Chernicki, BS1; Leighann C. Krasney, DO, MPH2
Wearable Technology for Functional Assessment In Primary Total Knee Arthroplasty: A Systematic Review	<b>Neel Sandella BS</b> , Kassem Ghayyad MD, Ram Yakkanti MD