



## Upcoming Conferences Highlighting Medical Device Research Findings

We are pleased to announce 24 projects are being recognized as a podium presentation or poster at the following conferences in the first half of 2025.

### INTERNATIONAL SOCIETY OF ARTHROPLASTY REGISTRIES

FEBRUARY 19-21  
CHRISTCHURCH, NZ

#### Hip Fracture

- Association between nail type and aseptic revision risk following cephalomedullary nailing for hip fracture- Okike K, Chang RN, Royce KE, Fasig BF, Sadeghi C, Jackman JM, Navarro RA, Fang AS, Paxton EW
- Femoral Neck System versus three cannulated screws in older hip fracture patients: a multi-center registry-based study- Mallon Z, Prentice HA, Schlauch AM, Fasig BH, Paxton EW, Sadeghi CM, Okike K
- Taper-slip femoral stem designs associated with higher risk of revision for periprosthetic fracture following cemented total hip arthroplasty compared to composite beam designs - Chen F, Prentice HA, Fasig BH, Paxton EW, Hug KT, Huffaker SJ, Kelly M

#### Radial Head

- Loose fit versus press fit stems and risk for surgical reintervention following radial head arthroplasty: A US-based cohort study of 1575 patients- Zeltser DW, Royce KE, Prentice HA, Reyes CE, Paxton EW, Navarro RA, Foroohar A

#### Total Hip Arthroplasty

- Incidence of liner failures and all-cause revision with uncemented acetabular components in primary THA - Singh G, Chan P, Royce KE, Winston B, Putnam D, Fasig BH, Paxton EW

#### Total Knee Arthroplasty

- Patient and operative risk factors for subsequent total knee arthroplasty following primary anterior cruciate ligament reconstruction - Ding DY, Prentice HA, Reyes C, Paxton EW, Chen F, Maletis GB
- The association between highly crosslinked versus conventional polyethylene for total knee arthroplasty and revision risk out to 20-years follow-up - Prentice HA, Chan PH, Fasig BH, Kelly MP, Hinman AD, Kurtz SM, Paxton EW
- Does antibiotic--loaded bone cement loaded bone cement reduce risk of revision for infection after total knee arthroplasty in high--risk patients? A register data based meta-analysis 2010—2020 - Leta TH; International TKA registries
- Number of doses of systemic antibiotic prophylaxis may be reduced when used in combination with antibiotic-loaded bone loaded bone cement - Register-based metabased meta-analyses on 289,926 primary knee arthroplasties - Leta TH; International TKA registries

#### Total Shoulder Arthroplasty

- 3-year revision risk for augmented reverse and anatomic total shoulder arthroplasty glenoid implants - Singh A, Royce KA, Chan DP, Ding DY, Fasig B, Ragheb JM, Demanes A, Paxton EW, Navarro RA

## Multi-Registry

- Improvements in Quality, Safety and Costs Associated with Use of Implant Registries within a Health System - Prentice HA, Harris JE, Sucher K, Fasig BH, Navarro RA, Okike K, Kelly MP, Hinman AD, Paxton EW

## PACIFIC COAST SURGICAL ASSOCIATION

FEBRUARY 21-24  
KONA, HI

- Post-Market Surveillance of Mesh Performance Following Inguinal Hernia Repair in a US Cohort - Brill E, Chan PH, Prentice HA, Sucher K, Mostaedi R, Paxton EW

## AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS

MARCH 10-14  
SAN DIEGO, CA

## Hip Fracture

- 2-Year revision risk with a new femoral neck fracture implant versus cannulated screws for femoral neck fractures in older individuals - Mallon ZO, Prentice HA, Schlauch AM, Fasig BH, Paxton EW, Sadeghi C, Okike K
- Cemented femoral taper-slip stem designs associated with increased periprosthetic fracture risk compared to composite-beam stem designs in a US healthcare system arthroplasty registry - Chen F, Prentice HA, Fasig BH, Paxton EW, Hug KT, Huffaker SJ, Kelly M

## Spine

- Reoperation risk for operative ASD and nonunion in posterolateral lumbar fusions with pedicles screws (PLFs) stopping at L1 versus T10/T11/12 - Guppy KH, Chang R, Fennessey J, Prentice HA, Harris JE, Ho AL, Babhadi AG, Kuo C
- The association between plated and stand-alone anterior cervical discectomy and fusion and risk for operative adjacent segment disease - Tabaraee E, Prentice HA, Harris JE, Bains R, Yacob A, Kuo CC, Ho AL, Norheim EP, Hariri OR, Guppy KH

## Total Hip Arthroplasty

- Benchmarking total hip arthroplasty implant combinations using data from a United States total joint replacement registry - Sambare T, Fasig BH, Son SJ, Prentice HA, Paxton EW, Sheth DS, Reddy NC, Kelly MP
- No difference in survivorship between THA with- and without-acetabular screws for uncomplicated THA using ultra-porous acetabular cups and crosslinked polyethylene in a large US healthcare system - Chen F, Chan PH, Prentice HA, Paxton EW, Fasig BH, Sheth DS
- Bladed femoral stem and risk of revision for periprosthetic fracture following cementless total hip arthroplasty - Sheth DS, Chang R, Fasig BH, Prentice HA, Paxton EW, Mohan V

## Total Knee Arthroplasty

- The association between highly crosslinked versus conventional polyethylene for total knee arthroplasty and revision risk out to 20-years follow-up - Prentice HA, Chan PH, Fasig BH, Kelly MP, Hinman AD, Kurtz SM, Paxton EW

## Multi-Registry

- Patient and operative risk factors for subsequent total knee arthroplasty following primary anterior cruciate ligament reconstruction: A cohort study of 52,222 patients - Ding DY, Prentice HA, Reyes C, Paxton EW, Chen F, Maletis GB

## CALIFORNIA SOCIETY OF PLASTIC SURGEONS

MAY 16-18  
NAPA, CA

- Cost-Analysis and Re-operative Outcomes of Acellular Dermal Matrix in Direct-to-Implant Breast Reconstruction: A 10-Year Retrospective Study – Gold CK, Chang RN, Tan C, Smith TM, Lin EY, Neumann RG, Harris JE, Paxton EW, Tong WM

- Adjustable loop devices show no difference in revision risk after primary ACL reconstruction with hamstring autograft - Fithian A, Prentice HA, Reyes C, Maletis GB, Csintalan R
  - Patient and operative risk factors for subsequent total knee arthroplasty following primary anterior cruciate ligament reconstruction: A cohort study of 52,222 patients - Ding DY, Prentice HA, Reyes C, Paxton EW, Chen F, Maletis GB
- 

If interested in learning more about future research opportunities, please email: [KPdeviceassessment@kp.org](mailto:KPdeviceassessment@kp.org)