

SPRING 2023



AAHKS®

AMERICAN ASSOCIATION OF
HIP AND KNEE SURGEONS

UPDATE

A MEMBER PUBLICATION

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Seeking Patient Testimonials

2023 President Javad Parvizi, MD, FRCS



Gaylord Texan Resort & Convention Center
November 2–5 // Dallas, Texas

**DEVELOPED
BY PEERS,
GUIDED BY
SCIENCE.**

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OUR MISSION:

Established in 1991, the mission of the American Association of Hip and Knee Surgeons (AAHKS) is to advance hip and knee patient care through education, advocacy, research and outreach.

AAHKS envisions access for all to the highest quality hip and knee care.

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Javad Parvizi, MD, FRCS

Letter from the President

First, I would like to convey my sincere gratitude to you all for allowing me to be the 33rd president of AAHKS. This is an immense honor.

I am aware of the great responsibilities that are on my shoulders. I pledge to follow the footsteps of the incredible leaders before me and rely on our dedicated staff, the Presidential Line, the Committee Chairs and Committee Members to continue the mission of our organization and further enhance our standing amongst the arthroplasty community.

I look forward to serving the organization by continuing our mission in various avenues.



1 Education:

With the help of the Education and Communications Council (Chair: Gregory G. Polkowski II, MD, MSc), the Education Committee (Chair: Jeffrey B. Stambough, MD) and the Program Committee (Chair: Ran Schwarzkopf, MD, MSc), we are on track to provide stimulating and enriching educational content for the Annual and Spring Meetings this year. We plan to extend our educational offerings to all orthopaedic surgeons in the U.S. and beyond. In particular, we will target underprivileged countries around the world where more and more orthopaedic procedures are being performed and education is desperately needed. The International Committee (Chair: Victor H. Hernandez, MD, MS) and the Member Outreach Committee (Chair: Peter K. Sculco, MD) will work together to bring new members to the organization this year. We're an almost 5,000-member strong organization and this initiative plans to increase the membership beyond 6,000.

2 Research:

AAHKS is strongly committed to supporting groundbreaking research. The Association has given out numerous research grants. Besides the biannual grant funds administered by the Research Committee (Chair: Ran Schwarzkopf, MD, MSc), AAHKS has worked and will continue to work with the Orthopaedic Research and Education Foundation (OREF), the American Academy of Orthopaedic Surgeons (AAOS), The Hip Society, The Knee Society and the MusculoSkeletal Infection Society (MSIS) to offer multiorganizational grants. In short, we will continue to support relevant research by our members. Consider submitting applications for research funding.

Advocacy:

Our Advocacy Committee (Chair: Adam J. Rana, MD) is committed to working on major issues that face our patients and the profession by engaging the Administration, Congress and federal agencies like CMS. The simple fact is that physician fee schedules are not sustainable and will lead to a rise in the cost of care and limit access for our patients. We are considering a membership-wide day of advocacy/unity in November during the Annual Meeting. Stay tuned and look out for a survey that will be sent to you to seek your interest and support for this initiative.

3

Diversity:

AAHKS will continue its inclusive culture and remain cognitive to race, gender, religion, sexual orientation and so on. Our Diversity Advisory Board Co-Chairs: Muyibat A. Adelani, MD and Adam A. Sassoon, MD, MS) and Women in Arthroplasty Committee (Chair: Rina Jain, MD, FRCSC) will continue to uphold and disseminate these values for AAHKS and the arthroplasty community.

4



Industry Relations:

Our Industry Relations Committee (Chair: Cory L. Calendine, MD) will work tirelessly this year to enhance our deep and established relationship with the orthopaedic industry that ultimately serves patients. We will never take this meaningful connection for granted. We are grateful for the generous support of industry that allows us to engage in education and research. We are also committed to supporting smaller industry companies and start-ups that share the same mission.

5

Membership Benefits:

We will continue the mission of the Association, as set forth by the founding members, to be the “go-to place” for joint arthroplasty education. Enhancing the numerous offerings of the organization, we will be launching several new initiatives:

The **“Arthroplasty Implant Registry”** app, started by AAHKS member Andrew M. Schwartz, MD and implemented by the Digital Health and Social Media Committee (Chair, Shaun P. Patel, MD), will allow you to identify the implants in situ for your patients undergoing hip or knee revision arthroplasty.

“Did You Know” digital briefs will highlight recent clinical guidelines and research finding. The material will be developed by the Evidence-Based Medicine (EBM) Committee (Chair: David S. Jevsevar, MD, MBA) and the Research Committee (Chair: Ran Schwarzkopf, MD, MSc).

The FOCAL Committee (Chair: William G. Hamilton, MD), will be exploring avenues to **improve education for adult reconstruction fellows** in the U.S. by developing an educational curriculum and enhancing their educational experience. We are exploring the possibility of providing AAHKS oversight or endorsement to promote appropriate standards for fellowship programs.

6

“Thank you for being a member of AAHKS and your commitment to providing great care to arthroplasty patients.”

- Javad Parvizi, MD, FRCS

These and many more activities will keep our Association, its leadership and all the committees very busy indeed. I am honored to be the servant leader of this incredible organization. I will not take this responsibility lightly and I’m excited for a busy year ahead. I am fortunate to have access to sage advice

and guidance from our Executive Director, Michael J. Zarski, JD, Past President Bryan D. Springer, MD, the presidential line, James I. Huddleston III, MD (First Vice President), R. Michael Meneghini, MD (Second Vice President), and Antonia F. Chen, MD, MBA (Third Vice President) and our dedicated staff. ●

Get Involved with WIA



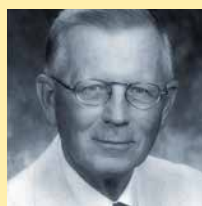
The AAHKS Women in Arthroplasty (WIA) Committee is dedicated to promoting gender diversity in the field of adult reconstructive surgery for the betterment of patient care, enhanced surgeon well-being and education of patients and surgeons in order to advance the field of hip and knee arthroplasty. Building mentorship pipeline programs for women students, residents and fellows is a committee goal and one that we are proud to offer.

If you're interested in getting a mentor or becoming a mentor, visit the website at www.AAHKS.org/Join-WIA for more information and to apply.

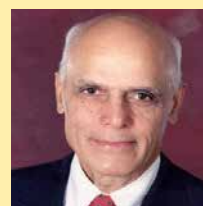
Through WIA's mentorship program, positive collegial professional development of female surgeons is established. ●

AAHKS PRESIDENTS

*Thank
You*
FOR YOUR LEADERSHIP



1991
J. Phillip Nelson, MD
Phoenix, AZ



1992 – 1993
Chitranjan S. Ranawat, MD
New York, NY



1994
Richard C. Johnston, MD
Iowa City, IA



2000
Richard B. Welch, MD
San Francisco, CA



2001
John J. Callaghan, MD
Iowa City, IA



2002
Douglas A. Dennis, MD
Denver, CO



2008
David G. Lewallen, MD
Rochester, MN



2009
William J. Robb III, MD
Evanston, IL



2010
Mary I. O'Connor, MD
Jacksonville, FL



2016
William A. Jiranek, MD
Richmond, VA



2017
Mark I. Froimson, MD, MBA
Chagrin Falls, OH



2018
Craig J. Della Valle, MD
Chicago, IL

In Search of a MENTOR?

Are you interested in having a mentor? Perhaps we can help you. The AAHKS Diversity Advisory Board Diversity (DAB) Mentorship Program aims to recruit and enrich the professional development of young arthroplasty surgeons of color. This program will match trainees and early practice surgeons with mentors who are more established in their careers.

If you're interested in partnering with a mentor, visit the AAHKS website at www.AAHKS.org/DABMentoringProgram for more information and to apply, or scan the QR code. ●



1995
Lawrence D. Dorris, MD
Inglewood, CA



1996
Hugh Tullos, MD
Houston, TX



1997
Merrill A. Ritter, MD
Mooreville, IN



1998
Richard H. Rothman, MD, PhD
Philadelphia, PA



1999
James A. Rand, MD
Scottsdale, AZ



2003
Clifford W. Colwell, MD
La Jolla, CA



2004
Richard F. Santore, MD
San Diego, CA



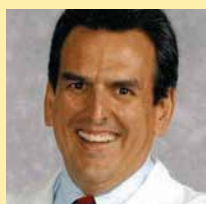
2005
Joseph C. McCarthy, MD
Boston, MA



2006
William J. Hozack, MD
Philadelphia, PA



2007
Daniel J. Berry, MD
Rochester, MN



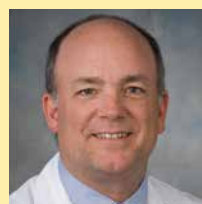
2011
Carlos J. Lavernia, MD
Miami, FL



2012
Thomas P. Vail, MD
San Francisco, CA



2013
Thomas K. Fehring, MD
Charlotte, NC



2014
Brian S. Parsley, MD
Houston, TX



2015
Jay R. Lieberman, MD
Los Angeles, CA



2019
Michael P. Bolognesi, MD
Durham, NC



2020
C. Lowry Barnes, MD
Little Rock, AR



2021
Richard Iorio, MD
Boston, MA



2022
Bryan D. Springer, MD
Charlotte, NC



2023
Javad Parvizi, MD, FRCS
Philadelphia, PA



2023 Membership Overview

STILL NEED TO RENEW?

Thank you to all our members who have paid their membership dues for 2023!

The vast majority of AAHKS members have renewed their membership and, again, thank you for doing so. We value our members and want to alert those who have not yet renewed for 2023.

> Don't let your membership expire!

Renew by logging in to **www.AAHKS.org**, sending a check or calling Member Services at **847-430-5071** to keep your JOA subscription, benefits and recognition as an AAHKS member intact.

PLEASE NOTE:

AAHKS has changed the membership dues invoice mailing date for 2023.

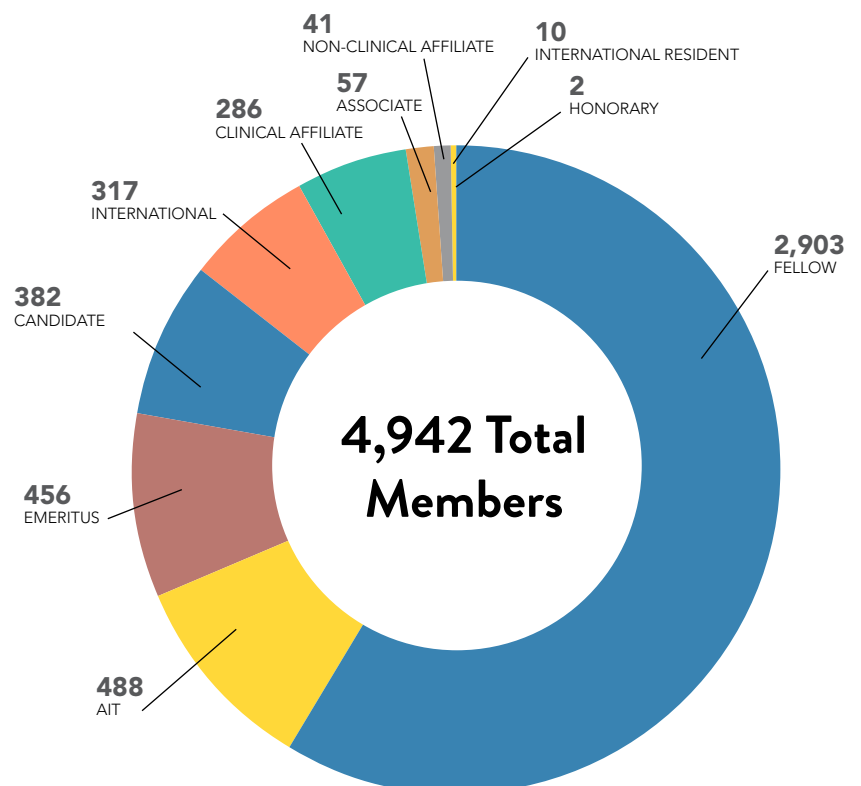
AAHKS membership runs on a calendar-year cycle (January 1 – December 31). In the past, renewal invoices were mailed in December and due upon receipt. This year, members were invoiced for their 2023 membership dues in November 2022 to provide a three-month grace period to renew without suspension of membership. If you have questions concerning this, please give Member Services a call at 847-430-5071.

Checks (*please include your full name and AAHKS ID number on checks*) or any other correspondence may be sent here:

American Association of Hip and Knee Surgeons

9400 W. Higgins Rd, Suite 230
Rosemont, IL 60018

Membership as of May 2023



2023-2024 AAHKS Board of Directors

Javad Parvizi, MD, FRCS	President
James I. Huddleston III, MD	First Vice President
R. Michael Meneghini, MD	Second Vice President
Antonia F. Chen, MD, MBA	Third Vice President
Bryan D. Springer, MD	Past President
Rafael J. Sierra, MD	Secretary
James A. Browne, MD	Treasurer
Matthew P. Abdel, MD	Member-at-Large
Jaime L. Bellamy, DO, MS	Member-at-Large
Ronald E. Delanois, MD	Member-at-Large
William M. Mihalko, MD, PhD	Member-at-Large



2023 Council Chairs

Gregory G. Polkowski II, MD, MSc
Education and Communications Chair

James A. Browne, MD
Education and Communications Vice Chair

Adam J. Rana, MD
Health Policy Council

James D. Slover, MD, MS
Membership Council

2023 Committee Chairs

Adam J. Rana, MD	Advocacy
James I. Huddleston III, MD	Committee on Committees and Bylaws
Shaun P. Patel, MD	Digital Health and Social Media
Muyibat A. Adelani, MD	Diversity Advisory Board (DAB)
Adam A. Sassoon, MD, MS	Diversity Advisory Board (DAB)
Jeffrey B. Stambough, MD	Education
David S. Jevsevar, MD, MBA	Evidence-Based Medicine (EBM)
William G. Hamilton, MD	FOCAL
Elizabeth B. Gausden, MD, MPH	Fellowship Match Oversight
James A. Browne, MD	Finance
J. Craig Morrison, MD	Humanitarian
Cory L. Calendine, MD	Industry Relations
Victor H. Hernandez, MD, MS	International
Peter K. Sculco, MD	Member Outreach
Bryan D. Springer, MD	Nominating
Benjamin M. Stronach, MD, MS	Patient and Public Relations
Alexander P. Sah, MD	Practice Management
Ran Schwarzkopf, MD, MSc	Program
Christopher E. Pelt, MD	Publications
Robert S. Sterling, MD	Quality Measures
Ran Schwarzkopf, MD, MSc	Research
Rina Jain, MD, FRCSC	Women in Arthroplasty (WIA)
Jesse I. Wolfstadt, MD, MSc, FRCSC	Young Arthroplasty Group (YAG)



2023



Bryan D. Springer, MD

Past President Highlights

LOOKING BACK ON MY YEAR AS PRESIDENT

"Safe to say, we are back!"

It has truly been the honor of my career to serve you as the 32nd President of the American Association of Hip and Knee Surgeons. I can honestly say the year has flown by, and it's hard to believe that my time has come to an end.

However, as I reflect on the past year and look at what lies ahead for the future, I am even more excited about the growth of AAHKS. We are a bigger, more diverse, more welcoming and more forward-thinking organization than ever before. We have a lot to be proud of, yet still much work remains to be done. Our leadership is strong and poised to continue our growth as the preeminent hip and knee organization in the world.

The New AAHKS Charter

We began the year with the ratification of our new charter. Unanimously approved by the Board of Directors, it continues to emphasize our immense strengths in providing education to patients and physicians, research and advocacy. In addition, I am proud that our organization added the fourth pillar of humanitarianism. So many of our members are already involved in this life-changing work as evident by this year's Humanitarian Award winner, Steven J. Meyer, MD. His amazing work in providing total joint arthroplasty to the people of Tanzania and his medical mission trips to the Massai villages are a true inspiration. The AAHKS Global Outreach (AAHKS GO) program will continue to foster the development of humanitarian efforts around the globe and provide resources for our members going into this work.

AAHKS advocacy efforts continue to fight for prior authorization reform, an issue that continues to interfere with our everyday practices as noted on our membership survey on the burden of prior authorization.

6 percent of the total cost of an episode of care for a total joint arthroplasty, we have the largest target on our backs and are continually asked to bear the burden of cuts.

While the Consolidated Appropriations Act (HR 2617) did mitigate some of the proposed cuts, we still face an overall 2 percent decrease in our conversion factor (proposed 4.4 percent) and a "phased-in approach" of the other proposed cuts over the next 2-3 years. With the split Congress for 2023, it is unlikely that any substantial legislation will get passed this year, but nonetheless, our efforts remain vital in protecting the patients' access to care. In addition, AAHKS advocacy efforts continue to fight for prior authorization reform, an issue that continues to interfere with our everyday practices as noted on our membership survey on the burden of prior authorization. AAHKS did, finally, make some breakthroughs with the RUC and CMS on recognition of the tremendous amount of time and work that our surgeons spend on preoperative optimization.

These efforts to make our patients healthier to provide a safer surgery with better outcomes has not been recognized in the current value-based care models despite overwhelming data that the burden to care for these patients has shifted to the preoperative period. After a several-year effort to recognize this time, CMS has finally allowed for the utilization of the Principal Care Management (PCM) codes that are used outside of the standard office visit to account for time spent by physicians and staff to optimize patients. More information is to come for our members on how to best and most appropriately use these codes.

Ongoing Advocacy Challenges

On the advocacy front, we continue to face numerous challenges. Despite representing only

I would like to personally thank our Health Policy Council Chair Adam J. Rana, MD, AAHKS Deputy Executive Director Josh Kerr, our amazing health policy fellows and those that serve on the Advocacy Committee for their tireless efforts on behalf of our members to maintain access to care for our patients and fair and reasonable reimbursement for our members.

Record Attendance at the 2022 Annual Meeting

For those of you that were able to experience our 2022 AAHKS Annual Meeting, and a record number of you did, I think it's fair to say that we are back and better than ever on the education front. The meeting moved to a new location, the Gaylord Texan Resort, with a larger space for a record number of industry courses, pre-meeting courses and educational events and of course, the unmatched scientific content that is presented year after year. I would like to specially thank my friend and colleague Jeremy M. Gililland, MD, who served as the Program Chair, as well as the Program Committee, Education Council Chair Gregory G. Polkowski II, MD, MSc and AAHKS Senior Director of Education and Science Sigita Wolfe, MBA, for their seemingly endless energy and attention to detail in creating a flawless meeting.

Recognizing Excellence with Established and New Awards

It was an honor to present the AAHKS Presidential Award to William G. Hamilton, MD. Dr. Hamilton and his FOCAL Committee created remarkable online resources to enhance hip and knee reconstruction education during the pandemic. Now, post-pandemic, this committee is taking our educational endeavors to new heights. We also recognized many others with AAHKS awards, including the James A. Rand Young Investigator's Award (Vishal Hegde, MD), the AAHKS Surgical Techniques and Technologies Award (Jacob M. Wilson, MD), AAHKS Clinical Research Award (Jonathan H. Shaw, MD) and the AAHKS Best Podium Award (Joshua C. Rozell, MD). Thank you for all of your important practice-changing research. In addition, AAHKS established several new awards that recognized diversity and women's empowerment.

Through the leadership of our Diversity Advisory Board, led by Muyibat A. Adelani, MD, the award was given to Richard E. Grant, MD in recognition of his trailblazing work in diversity throughout his career. Our Women in Arthroplasty (WIA) Committee, led by chair Rina Jain, MD, FRCSC, presented the inaugural WIA

Empowerment Award to Amy Turk, the Director of Strategy and Innovation Global Growth Hip Marketing for Johnson and Johnson. Amy's work has been impactful in elevating women, providing mentorship and professional development of women in arthroplasty. Lastly, we recognized our industry partners with the first-ever AAHKS Industry Innovation Award. This year's winners were Enovis and bioMerieux, both of whom demonstrated cutting-edge innovation in the field of orthopaedic surgery. Congratulations to all our award recipients.

We are a bigger, more diverse, more welcoming and more forward-thinking organization than ever before.

Working with the Dedicated AAHKS Committees and Staff

Lastly, I cannot say how grateful I am to have worked with such amazing and talented individuals over the last several years at AAHKS. Our committee chairs and committee members who volunteer their time and talents to better our organization and our field for our patients are truly inspiring. Nights, weekends, time away from family and loved ones is not easy, but your passion shines through in everything you do. Our organization is strong with so many young, talented and diverse future leaders.

It is also vital to recognize the AAHKS staff. Led by our Executive Director, Mike Zarski, JD, you will not find a more talented group of individuals that work on our behalf to the depths most of our members don't even realize. Thank you for your support and for keeping AAHKS a mission-driven society. I will close by thanking our Board of Directors and Presidential Line. All of you have been amazing mentors and friends. Richard Iorio, MD was an impossible act to follow, thank you for your guidance.

To incoming President Javad Parvizi, MD, FRCS, and the Presidential Line of James I. Huddleston III, MD, R. Michael Meneghini, MD and Antonia F. Chen, MD, MBA, thank you for your friendship and advice.

It's safe to say, we are back! ●



Spring Meeting Recap

The **2023 AAHKS Spring Meeting** was held May 4-6 in Chicago. Esteemed faculty and attendees gathered to discuss evidence-based practices, study emerging trends and increase our knowledge of the evaluation and management of degenerative hip and knee conditions.



Provided by:
Young Arthroplasty Group
(YAG) Committee Chair
Jesse I. Wolfstadt, MD,
MSc, FRCSC.

Thank you to Co-Chairs Gregory G. Polkowski II, MD, MSc, James A. Browne, MD and Bryan D. Springer, MD for an inspiring Spring Meeting. I think I speak for everyone who attended the 2023 AAHKS Spring Meeting in saying we look forward to learning together again at the 2023 AAHKS Annual Meeting in Dallas, November 2-5.

May 4 Sessions

After an inspiring and productive leadership retreat led by President Javad Parvizi, MD, FRCS, First Vice President James I. Huddleston III, MD and Executive Director Michael J. Zarski, JD, the Spring Meeting officially kicked off with an International Session moderated by Victor H. Hernandez, MD, MS.

Justin N. Duke, MD briefly summarized U.S. trends in the management of patellar resurfacing, unicompartmental knee replacements & high tibial osteotomies and the use of cemented hip replacements, followed by an exploration of international trends for all three topics. Pier F. Indelli, MD, PhD beautifully articulated the nuances of, and the need, for meticulous surgical technique to avoid common pitfalls of patellar resurfacing.

Thursday evening concluded with an opportunity to network with new colleagues and catch up with old friends at the Young Arthroplasty Group (YAG) reception and the official welcoming reception.

May 5 Sessions

Friday morning began with two YAG alumni, Anna R. Cohen-Rosenblum, MD, MSc and Leonard T. Buller, MD taking the stage with other AAHKS luminaries to offer their expertise on the basic TKA. Past President Bryan D. Springer, MD led an in-depth discussion around patient optimization. It seemed the younger surgeons on the panel had stricter cut-offs with regards to smoking cessation and diabetic control, while all surgeons on the panel agreed that strict BMI cut-offs did not lead to improved patient outcomes.

The session highlighted the importance of a shared decision-making approach with patients combined with evidence-based adjuvants to minimize complications for high-risk patients. There was a trend amongst surgeons in an informal poll towards increased use of medial pivot/stabilized knee designs and cementless fixation.

Small group breakout sessions were interspersed between symposia, giving attendees the opportunity to discuss a wide variety of cases with arthroplasty experts and thought leaders. The table faculty skilfully facilitated knowledge exchange between participants in a relaxed setting. It was enlightening and humbling to hear some friendly banter between expert faculty in their discussion of the many approaches to both primary and complex arthroplasty.

Friday's educational sessions concluded with the Ask the Knee Experts case discussions hosted by William G. Hamilton, MD. The faculty provided advice on the management of complex primary and revision TKA using real cases submitted by both faculty and attendees.

May 6 Sessions

Saturday morning opened with an update on the American Joint Replacement Registry from Past Chair Bryan D. Springer, MD followed by a symposium on the basic THA. James A. Browne, MD and the panel discussed some of the trends in primary THA, showcasing the increased use of the direct anterior approach and stressing the important role of cemented femoral fixation in reducing rates of periprosthetic femur fracture.

The final symposium, the Ask the Hip Experts, was moderated by R. Michael Meneghini, MD. The panel provided a sobering perspective on the management of greater trochanter fractures given the limited ability of modern treatment adjuvants to achieve successful union. The case-based discussion demonstrated the difficulty in managing complex primary and revision hip replacement and the many strategies to address instability, fractures and infection around the hip.



NEW PODCAST ALERT: ***The Journal of Arthroplasty's, The Cut***



The Editors of the *Journal of Arthroplasty* now have a podcast station on the AAHKS Amplified Network, **The Cut**! The Cut is composed of members of the JOA Social Media Ambassador team. They'll expose students, residents, fellows, practice surgeons and others in the field of arthroplasty to relevant topics from the *JOA* and discuss practical solutions that are applicable to practice.

The Cut will release bi-monthly episodes and occasional article-based bonus episodes.

Listen on the AAHKS website or wherever you download podcasts.

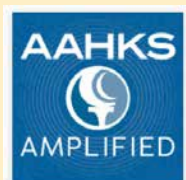


The Augment

The AAHKS Young Arthroplasty Group (YAG), which is comprised of arthroplasty residents, fellows or young surgeons within their first five years of practice has their own podcast series, **The Augment**.

The Augment was developed to provide an in-depth and relevant discussion about timely topics within the total joint arthroplasty subspecialty and to interview experts in the field on their experience and knowledge.

Search "YAG Augment" wherever you download your podcasts.



AAHKS Amplified

The American Association of Hip and Knee Surgeons' official podcast channel is available for listeners interested in discussion of the latest scientific advancements, research findings and advocacy activities in the hip and knee arthroplasty profession.

Search "AAHKS Amplified" wherever you download your podcasts.



The Foundation for Arthroplasty Research and Education (FARE) has announced the recipients of the FARE Grant, presented at the 2023 AAHKS Spring Meeting.



Nicolas S. Piuze, MD
Cleveland Clinic

Improving Total Knee Arthroplasty Dissatisfaction at 1-year Through a Personalized Approach Focusing on PROMs Phenotypes: A Randomized Controlled Trial

Overall, the demand for primary total knee arthroplasty (TKA) procedures is projected to reach 3.48 million by the year 2030 – a 673 percent increase from 2007, and nearly four times the expected growth rate for primary total hip replacements. Despite the majority of patients showing improvement after TKA, some patients experience no improvement, some continue to experience pain and functional disability, and some even get worse. Overall data suggest that approximately up to 20 percent of patients express dissatisfaction following TKA, which has been related to socio-demographic, preoperative, surgical and postoperative factors. Overall, at Cleveland Clinic, 16.3 percent of 5,274 TKA patients between 2016 and 2019 considered his/her state at 1-year postoperative not satisfactory by a Patient Acceptable Symptom State (PASS) anchoring question. While Total Knee Arthroplasty (TKA) has been established as a safe and effective procedure to improve pain, function, and quality of life as measured by patient-reported outcome measures (PROMs), we still have challenges determining who will be the 1-2 out of 10 patients who will not be satisfied after TKA.

The goal of the current project is to preoperatively screen and identify patients with baseline TKA PROM phenotypes at high-risk for not achieving PASS and to randomize into two arms: (1) Standard of care TKA; and (2) Standard of care + TKA personalized outcome prediction tool (Intervention Groups) with targeted interventions that address patients with poor baseline mental health and poor physical function. A total of 300 subjects (150 in each group) will be enrolled and the primary outcome will be 1-year satisfaction and clinically significant PROMs improvement.



Brian P. Chalmers, MD
Hospital for
Special Surgery

Objective Post-Operative TKA Laxity and its Correlation with Patient Perceptions of Knee Instability: A Prospective Study Using a Novel Multiplanar Arthrometer

There remains a substantial number of patients whom are not fully satisfied after total knee arthroplasty (TKA). One of the most common reasons for this dissatisfaction is patient perceptions of knee instability, which commonly leads to revision surgery. Unfortunately, knee instability following TKA is poorly defined. The diagnosis is mainly subjective as there is a lack of postoperative quantitative measurements of knee laxity in TKA patients. To bridge this gap, we have developed a novel knee arthrometer that can quickly (<10 min/knee) measure real-time, in vivo knee laxity in all three planes (VV, IER, and AP translation) after TKA.

The goal of this study is to better understand the relationship between post-TKA knee laxity and patient reported outcomes measures (PROMs) and satisfaction. To do so, we will prospectively collect preoperative and intraoperative data on 200 patients (100 CR/CS, 100 PS) undergoing primary robotic TKA, including preoperative knee range of motion (ROM), preoperative limb deformity, intraoperative gap assessment, and intraoperative component position. We will then collect objective laxity measurements (VV, AP, and ER/IR) at multiple knee ROMs at three months and one year on all patients. We will utilize logistic regression to see if any correlation exists between postoperative objective laxity measurements to several validated PROMs collected preoperatively and postoperatively. Ultimately, we hope to better understand how objective TKA laxity in multiple planes correlate with patient satisfaction and determine if an ideal laxity profile, achieved intraoperatively or postoperatively, correlates with patient outcomes.



Registration NOW OPEN for the 2023 AAHKS Annual Meeting



The premier educational event for hip and knee surgeons is taking place November 2-5, 2023 at the Gaylord Texan Resort & Convention Center in Grapevine, Texas. Attend one of the year's most eagerly anticipated and prestigious scientific meetings in the field of arthroplasty. Go to www.AAHKS.org/Meeting to register.



AAHKS Start-Up Exhibitor Program

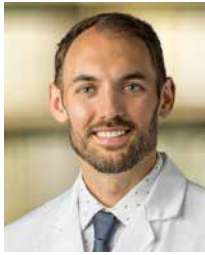
An important part of the AAHKS Annual Meeting is bringing new, cutting-edge products, science and services to the exhibit hall for attendees to evaluate. Often, start-up companies lack the budget needed to afford a booth at the AAHKS Annual Meeting. The start-up exhibitor program will allow a limited number of companies the opportunity to exhibit at the 2023 AAHKS Annual Meeting at a greatly reduced, one-time rate.

This program was developed by the Industry Relations Committee (IRC) at the direction of the Board of Directors. This program is for new or start-up companies that have not been an AAHKS exhibitor previously. This application process is designed to enhance and protect the academic and clinical focus of the meeting. If you are working with a start-up that falls into this space, please encourage them to apply online:

Meeting.AAHKS.org/AAHKS-Start-Up-Exhibitor-Program-Application



2023-2024 Health Policy Fellows



Christopher F. Deans, MD

Dr. Deans is a practicing orthopaedic surgeon and Assistant Professor at University of Nebraska Medical Center in Omaha, NE. Born and raised in rural western Nebraska, he subsequently moved to Denver, where he graduated high school. He received his undergraduate degrees in biology and philosophy while playing basketball at the University of Nebraska at Kearney. Following undergraduate school, he received his medical degree and completed his orthopaedic residency training at the University of Nebraska Medical Center in Omaha. He then completed a fellowship in Adult Reconstruction at Indiana University. Dr. Deans is a member of the Mid-America Orthopaedic Association (MAOA), AAHKS and the Young Arthroplasty Group (YAG).



David E. DeMik, MD, PharmD

Dr. DeMik is currently an Adult Reconstruction fellow at the Rothman Orthopaedic Institute in Philadelphia. He received both his pharmacy and medical degrees from the University of Iowa. He then completed his orthopaedic surgery residency at the University of Iowa. Dave is a member of AAHKS, YAG and serves on the editorial board for the *Journal of Arthroplasty*. Upon completion of fellowship, he will be joining Rockhill Orthopaedic Specialists in Lee's Summit, MO.



Christopher Skeeahan, MD

Dr. Skeeahan is a practicing orthopaedic surgeon at Charlton Memorial Hospital and the Medical Director of the Total Joints Center at Southcoast Health. Dr. Skeeahan earned his Bachelor of Science degree in Molecular Genetics from the University of Rochester and MD from New York Medical College. He completed a residency in orthopaedic surgery at the Naval Medical Center Portsmouth prior to his Naval service as a staff orthopaedic surgeon for five years. He also completed a fellowship in adult reconstruction at New York University Langone Orthopaedic Hospital and Insall Scott Kelly Institute. In addition to overseeing the Joints Commission's Center of Excellence accreditation at Southcoast, Dr. Skeeahan has authored numerous publications as well as presented on orthopaedic billing and coding optimization.



Meg Whitmarsh-Brown, MD

Dr. Whitmarsh-Brown is a practicing orthopaedic surgeon and Assistant Professor at the University of New Mexico in Albuquerque, NM. She received her undergraduate degree in neuroscience from the University of Southern California, where she also attended medical school. She stayed at USC to complete her residency in orthopaedic surgery at the storied Los Angeles County + USC Medical Center. She then went on to complete a fellowship in arthroplasty and value-based health care at the University of Texas at Austin. She is currently a *Journal of Arthroplasty* Social Media Ambassador and co-host of the JOA podcast, The Cut.

The AAHKS Health Policy Fellowship (HPF) provides young, future leaders with an opportunity to get involved in the policy-making process and to become effective advocates. This year, AAHKS is welcoming five new Health Policy Fellows:



F. Johannes Plate, MD, PhD

Dr. Plate is an orthopaedic surgeon and Associate Professor at the University of Pittsburgh, the Director of Adult Reconstruction Research of the Department of Orthopaedic Surgery and Associate Clinical Director of the Pitt Health + Explainable AI (Pitt HexAI) Research Laboratory of the Department of Health Informatics. He was born in Germany and, following medical school at Ruprecht-Karls Universität Heidelberg, joined the Wake Forest School of Medicine Physician Scientist Training Program in Winston-Salem, NC. He received a PhD in Neuroscience from the Wake Forest Graduate School of Arts & Sciences based on his work in the influence of aging on orthopaedic injuries.

After he completed orthopaedic residency at Wake Forest, he joined the Adult Reconstruction Fellowship at Duke University. Dr. Plate is board certified, an active fellow of the American Academy of Orthopaedic Surgeons (AAOS) and a member of AAHKS, the AAHKS Research Committee, the Emerging Leaders Program of the American Orthopaedic Association (AOA), the Musculoskeletal Infection Society (MSIS), the Eastern Orthopaedic Association (EOA), the Pennsylvania Orthopaedic Society (POS), the Piedmont Orthopedic Society and the *Journal of Arthroplasty* Editorial Board. ●

SOCIAL MEDIA

Arthroplasty Today

Visual abstracts for Arthroplasty Today are designed by the journal's social media editor, Anna R. Cohen-Rosenblum, MD, MSc. This particular visual abstract illustrates a recent study in the journal on duloxetine which is used for pain control following hip or knee replacement. Don't forget to follow Arthroplasty Today on social media, links are below.

Facebook: [Facebook.com/ArthroToday](https://www.facebook.com/ArthroToday)

Twitter: [Twitter.com/ArthroToday](https://twitter.com/ArthroToday)

Instagram: [Instagram.com/ArthroToday](https://www.instagram.com/ArthroToday)

The Journal of Arthroplasty

Visual abstracts for the *Journal of Arthroplasty* (JOA) are designed by the journal's social media editor, Jaime L. Bellamy, DO, MS. This abstract illustrates a study finding a 2.2 percent incidence of iliopsoas tendinopathy after direct anterior total hip arthroplasty with younger age and previous spine fusion as the most important risk factors.

To accommodate our followers and their preference to receive this information, the journal is working on visual abstracts that come in the form of video and translating them into different languages. Follow JOA on social media, links are below.

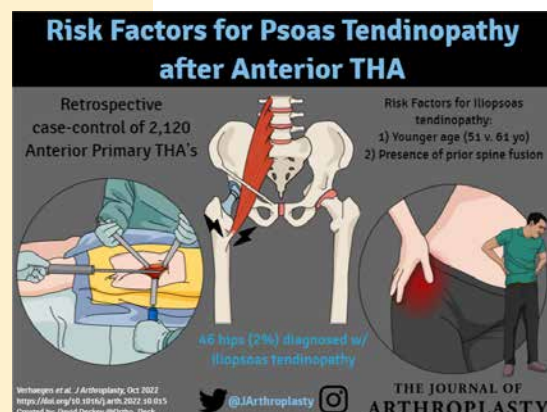
Facebook: [Facebook.com/JArthroplasty](https://www.facebook.com/JArthroplasty)

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YouTube: [YouTube.com/@JournalofArthroplasty8071](https://www.youtube.com/@JournalofArthroplasty8071)





Seeking Patient Testimonials

To Submit a Testimonial:

1. Click the link to access the registration page **kneehip.org/register** or scan the QR code.
2. Complete the registration page to receive a text message link to the Portal.
3. Click the link in the text message you received to gain access to the Portal and submit your testimony via audio or video.
4. Press submit once you have completed your testimony.

Having a full overview of the patient experience is important to AAHKS surgeons.

With that in mind, the AAHKS Patient and Public Relations Committee created a Patient Testimonial Portal that will give your patients a voice and help AAHKS members learn more about their patients' expectations regarding surgery. This valuable feedback from patients also strengthens AAHKS advocacy efforts and marketing campaigns.

In a few simple steps, patients may simply and efficiently submit their testimonial in audio or video format. Thanks in advance to all AAHKS members for sharing this resource with your patients and your help enhancing the patient experience and AAHKS advocacy efforts.



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Important Information:

FOCAL Webinar

August 28, 7p.m. CST
How to Implement Preoperative
Optimization of Total Joint Patients



AAHKS Empowerment Award

Accepting submissions until August 2023

AAHKS Diversity Award

Accepting submissions until August 2023

2023 AAHKS Annual Meeting

November 2-5
Gaylord Texan Resort & Convention Center

Newsletter Feedback:

Thank you to everyone who shared their feedback with us on the new newsletter design.

If you want to provide your input or let us know what you would like to see in future issues, please email us at connect@AAHKS.org.



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